

Synesthesia

Individual differences among grapheme-color synesthetes from different countries

ABSTRACT- Grapheme-color synesthetes experience specific colors associated with specific number or letter characters. To determinate the differences among countries, we compared six individual cases and their grapheme-color perception. The results suggests that grapheme-color synesthete may constitute a heterogeneous group.



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 1 2 3 4 5 6 7 8 9 0
 (colors selected by André Müller 1)

LIEBE Conceptual synesthesia
 DONNERSTAG Perceptual synesthesia
 INTELLIGENZ Perceptual synesthesia
 BANANE Conceptual synesthesia



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 (colors selected by prescriptive study made by Sean Day 2)

LOVE Conceptual synesthesia
 THURSDAY Perceptual synesthesia
 INTELLIGENCE Perceptual synesthesia
 BANANA Competual synesthesia
 NICE Conceptual synesthesia



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 1 2 3 4 5 6 7 8 9 0
 (colors selected by P.M 3)

HENGIVENHET Conceptual synesthesia
 TORSDAY Perceptual synesthesia
 INTELLIGENS Perceptual synesthesia
 BANAN Conceptual synesthesia

Here you can see the results of our research. We have tried to compare the perceptive differences of alphanumeric characters in six synesthetes from different countries. The main objective is to determinate which type of synesthesia they have and how they add a specific color to a word.

According to the conclusions obtained from Cassidy Curtis' article⁴, we have conferred different colors to some words so it is possible to get two type of perception: conceptual or perceptual synesthesia.

The conceptual synesthesia is when there is a relation determined by cultural influences between the word and a color (love, banana). Whereas the perceptual synesthesia is when the word and the color is in relation with the first letter color has in the own alphabet (intelligence, Thursday).

We have also put some words whose color is measured by emotional valence.



LOVE
 THURSDAY
 INTELLIGENCE
 BANANA
 SYNESTHESIA

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 1 2 3 4 5 6 7 8 9 0
 (colors selected by Cassidy Curtis 4)

Conceptual synesthesia
 Perceptual synesthesia
 Perceptual synesthesia
 Conceptual synesthesia
 Perceptual synesthesia



AMOR
 JUEVES
 INTELIGENCIA
 PLATANO
 SUSTO

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 1 2 3 4 5 6 7 8 9 0
 (colors selected by M.A. 5)

Conceptual synesthesia
 Perceptual synesthesia
 Perceptual synesthesia
 Conceptual synesthesia
 Perceptual synesthesia



AMOUR
 JEUDI
 INTELLIGENCE
 PLATANE

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 1 2 3 4 5 6 7 8 9 0
 (colors selected by french webpage 6)

Conceptual synesthesia
 Perceptual synesthesia
 Perceptual synesthesia
 Conceptual synesthesia

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