

# Converting Colors

Decimal(12975095)

Have a look what the booklet for  
Decimal(12975095) contains.

<b>Decimal(12975095)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12975095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5FBF7
RGB	197, 251, 247
RGB Percent	77%, 98%, 97%
CMY	0.2275, 0.0157, 0.0314
CMYK	0.22, 0.00, 0.02, 0.02
HSL	176°, 87%, 88%
HSV	176°, 22%, 98%
XYZ	74.3116, 87.5801, 100.9837
YIQ	234.3980, -30.9000, -12.6920

# Conversions

## Conversions Part 2

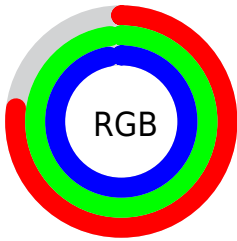
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 225, 251
Decimal	12975095
CIELab	94.98, -17.76, -3.69
CIELCh	95, 18.138, 191.738
Yxy	87.5801, 0.2827, 0.3332
Android (android.graphics.Color)	4291165175 (0xFFC5FBF7)
YUV	234.3980, 6.2128, -32.7980
Hunter-Lab	93.5842, -22.0324, 1.5311

# Details

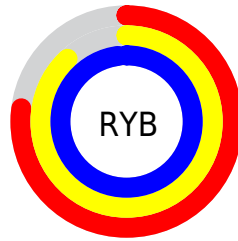
The Decimal color **12975095** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16500169**, and the grayscale version is **15395562**.

A 20% lighter version of the original color is **16711679**, and **9355967** is the 20% darker color. If you saturate the color by 10%, you get **11336693**, and if you desaturate by 10%, it is **14613497**.

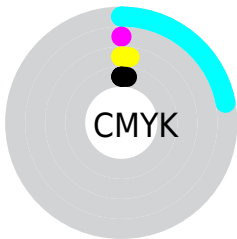
# Distribution



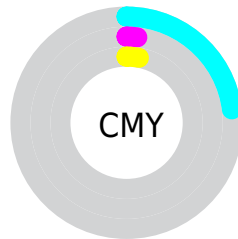
- Red (77%)
- Green (98%)
- Blue (97%)



- Red (77%)
- Yellow (88%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12975095 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12975095 by changing the saturation by 10% instead.



 12975095	 12975095
16777215	 11132635
16711679	 9355967
	 7645092
	 5934473
	 4223856
	 2579032
	 672576
	 11306
	 6422

 12975095

 12975095

 11336693

 14613497

 9698291

 16251899

 8059889


 16776189

 6421488

 16776190

 4783086

 16776191

 3079148

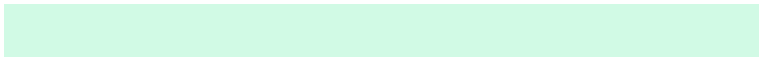
 1440746

 64488

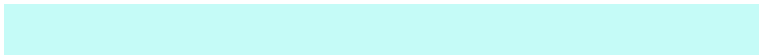
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13761253



12975095



12974591

# Triad

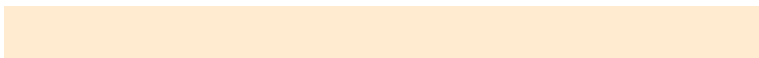
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12975095



16575231



16772304

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12975095



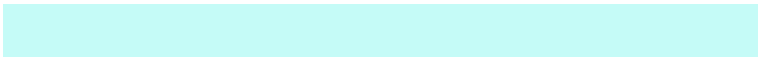
16500169

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16771034



12975095



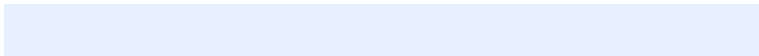
16770812

# Square

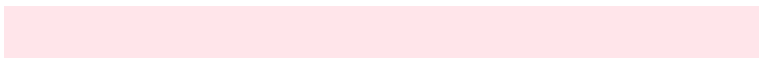
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12975095



15134975



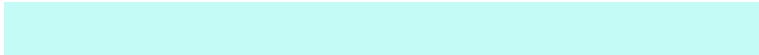
16770538



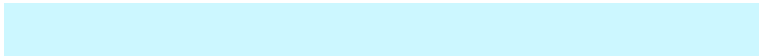
16249550

# Rectangle

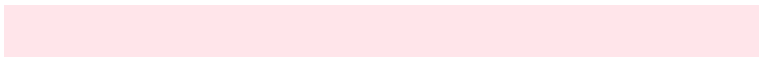
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



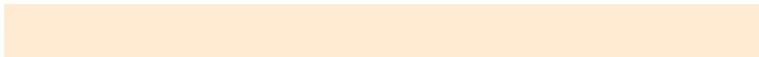
12975095



13432831



16770538



16771794

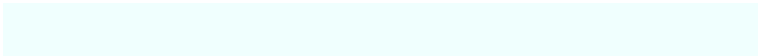


# Sweetspot

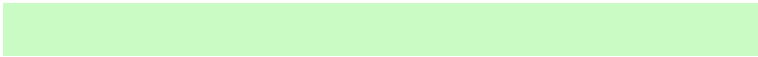
The Sweet Spot groups the original color and five complimentary colors.



12975095



15794174



13302725



7831679



0



8421504



# Same Dimension

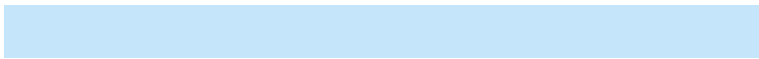
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12975095



12451834



12969467



7372156



48559



15673



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16500169



16760258



16506053



8220785



12386318

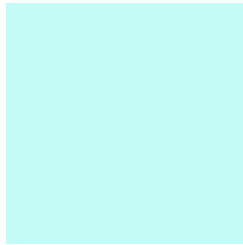


3997701



# Previews

## White Background



This preview shows how the Decimal color 12975095 looks on a white background.

## Color Contrast Check

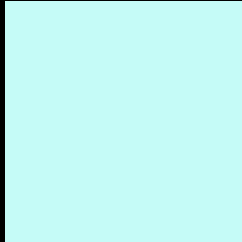
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12975095 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

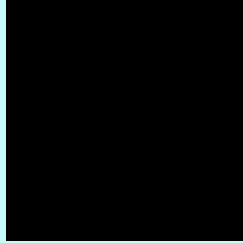
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12975095 Background



This preview shows how black text looks on a background with the Decimal color 12975095.



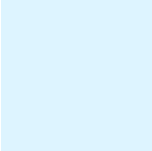
This preview shows how white text looks on a background with the Decimal color 12975095.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



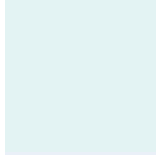


**Tritanopia**  
14546175

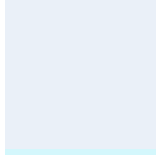
# Trichromacy



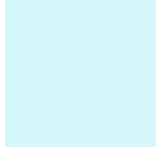
**Original Color**  
12975095



**Protanomaly**  
14939123

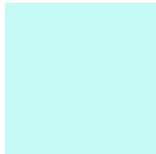


**Deuteranomaly**  
15397112

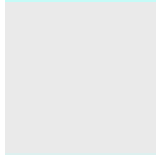


**Tritanomaly**  
13957116

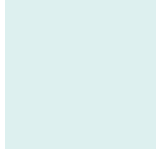
# Monochromacy



**Original Color**  
12975095



**Achromatopsia**  
15395562



**Achromatomaly**  
14545135

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12975095 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C5FBF7 looks like.

```
.text, #text, p{  
    color:#C5FBF7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C5FBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FBF7
}
```

## Border

The CSS property to change the border of an element to Decimal 12975095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5FBF7 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#C5FBF7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C5FBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FBF7; -webkit-box-shadow:4px 4px  
4px 4px #C5FBF7; box-shadow:4px 4px 4px  
4px #C5FBF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12975095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FBF7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C5FBF7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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