

# Converting Colors

Decimal(12379104)

Have a look what the booklet for  
Decimal(12379104) contains.

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# **Color**

**Decimal(12379104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BCE3E0</a>
RGB	<a href="#">188, 227, 224</a>
RGB Percent	<a href="#">74%, 89%, 88%</a>
CMY	<a href="#">0.2627, 0.1098, 0.1216</a>
CMYK	<a href="#">0.17, 0.00, 0.01, 0.11</a>
HSL	<a href="#">175°, 41%, 81%</a>
HSV	<a href="#">175°, 17%, 89%</a>
XYZ	<a href="#">61.6627, 71.0114, 80.9776</a>
YIQ	<a href="#">214.9970, -22.2810, -9.2010</a>

# Conversions

## Conversions Part 2

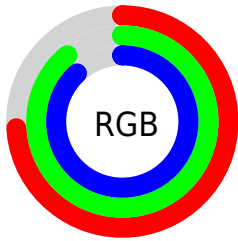
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 208, 227
Decimal	12379104
CIE Lab	87.49, -13.24, -2.77
CIE LCh	87, 13.523, 191.824
Yxy	71.0114, 0.2886, 0.3324
Android (android.graphics.Color)	4290569184 (0xFFBCE3E0)
YUV	214.9970, 4.4385, -23.6764
Hunter-Lab	84.2682, -16.8533, 2.0130

# Details

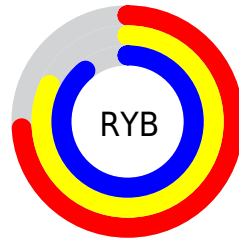
The Decimal color **12379104** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14924991**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16121855**, and **8826025** is the 20% darker color. If you saturate the color by 10%, you get **10871774**, and if you desaturate by 10%, it is **13886434**.

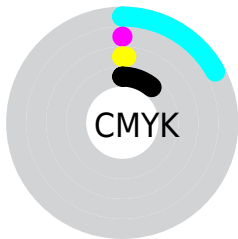
# Distribution



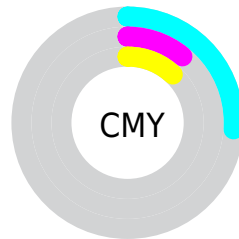
- Red (74%)
- Green (89%)
- Blue (88%)



- Red (74%)
- Yellow (82%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12379104 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 12379104 by changing the saturation by 10% instead.



■ 12379104

16777215

■ 16121855

■ 12379104

■ 10602436

■ 8826025

■ 7115150

■ 5470069

■ 3890780

■ 2377541

■ 798767

■ 7194

■ 0

12379104

12379104

10871774

13886434

9429981

15328227

7922651

16770021

6415321

16770023

4973527

16770025

3466198

16770026

1958868

16770028

451538

16770030

58322

16770032

# Harmonies

## Analogous

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



12903123



12379104



12378860

# Triad

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



12379104



14997230



15587523

# Complementary

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



12379104



14924991

# 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.



16110795



12379104



15848420

# Square

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



12379104



13949940



16241622



14802114

# Rectangle

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



12379104



12706033



16241622



15849157



# Sweetspot

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



12379104



15925246



12575676



7897215



0



8421504

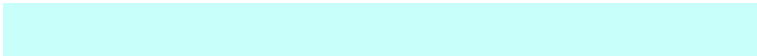


# Same Dimension

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



12379104



13238267



12375011



6779762



45989



13103



# Inverse Universe

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



14924991



16763342



14929084



7563112



11730958

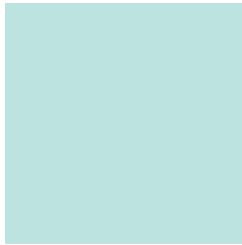


3342340



# Previews

## White Background



This preview shows how the Decimal color 12379104 looks on a white background.

## Color Contrast Check

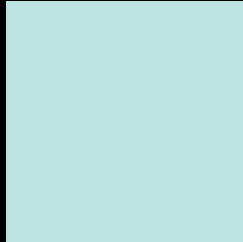
Large Text (above 18pt) WCAG AA × Fail

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 12379104 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

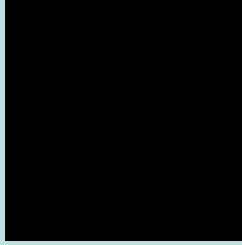
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

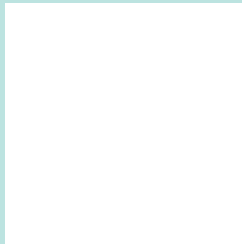
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12379104 Background



This preview shows how black text looks on a background with the Decimal color 12379104.



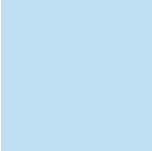
This preview shows how white text looks on a background with the Decimal color 12379104.

# 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](#).

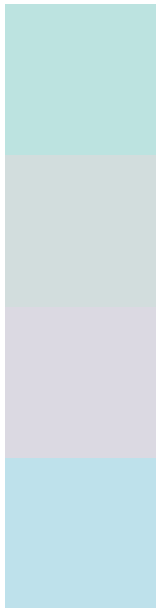
## Dichromacy





**Tritanopia**  
12574962

# Trichromacy



**Original Color**  
12379104

**Protanomaly**  
13819357

**Deuteranomaly**  
14408162

**Tritanomaly**  
12509675

# Monochromacy



**Original Color**  
12379104

**Achromatopsia**  
14145495

**Achromatomaly**  
13491162

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12379104 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 #BCE3E0 looks like.

```
.text, #text, p{  
    color:#BCE3E0  
}
```

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 #BCE3E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE3E0
}
```

## Border

The CSS property to change the border of an element to Decimal 12379104 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
#BCE3E0 }
```

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

```
.border{ border-color:#BCE3E0 }
```

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

Here you see how a box with a 4 pixel #BCE3E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE3E0; -webkit-box-shadow:4px 4px  
4px 4px #BCE3E0; box-shadow:4px 4px 4px  
4px #BCE3E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12379104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE3E0 }
```

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

```
.background{ background-color:#BCE3E0 }
```

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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