

# Converting Colors

Decimal(12971477)

Have a look what the booklet for  
Decimal(12971477) contains.

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# **Color**

**Decimal(12971477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5EDD5
RGB	197, 237, 213
RGB Percent	77%, 93%, 84%
CMY	0.2275, 0.0706, 0.1647
CMYK	0.17, 0.00, 0.10, 0.07
HSL	144°, 53%, 85%
HSV	144°, 17%, 93%
XYZ	65.3204, 77.2428, 74.4174
YIQ	222.3040, -16.1360, -15.9440

# Conversions

## Conversions Part 2

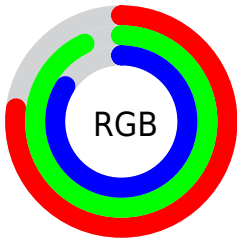
Format	Color
<a href="#">RYB</a>	<a href="#">197, 226, 237</a>
Decimal	<a href="#">12971477</a>
CIELab	<a href="#">90.43, -17.53, 7.33</a>
CIELCh	<a href="#">90, 18.998, 157.291</a>
Yxy	<a href="#">77.2428, 0.3010, 0.3560</a>
Android (android.graphics.Color)	<a href="#">4291161557 (0xFFC5EDD5)</a>
YUV	<a href="#">222.3040, -4.5869, -22.1916</a>
Hunter-Lab	<a href="#">87.8879, -21.1383, 11.3188</a>

# Details

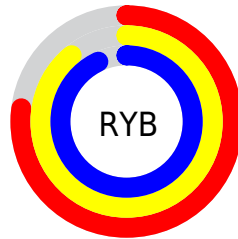
The Decimal color **12971477** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15582685**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16711679**, and **9418142** is the 20% darker color. If you saturate the color by 10%, you get **11398599**, and if you desaturate by 10%, it is **14544355**.

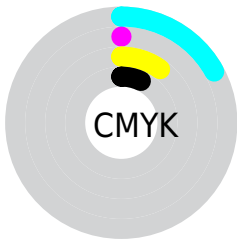
# Distribution



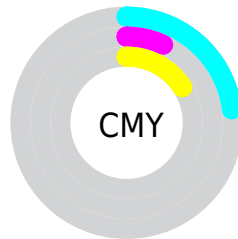
- Red (77%)
- Green (93%)
- Blue (84%)



- Red (77%)
- Yellow (89%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12971477 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 12971477 by changing the saturation by 10% instead.



 12971477	 12971477
16777215	 11194809
16711679	 9418142
	 7707268
	 6062187
	 4482899
	 2903868
	 1390630
	 8722
	 768

 12971477

 12971477

 11398599

 14544355

 9891257

 16051697

 8318378

 16772607

 6745500

 5172622

 3665280

 2092401

 519523

 60767

# Harmonies

## Analogous

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



14281158



12971477



12054247

# Triad

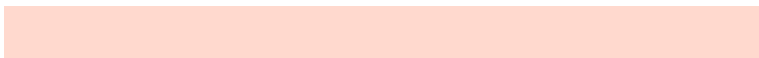
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12971477



14017791



16767438

# Complementary

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



12971477



15582685

# 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.



16766944



12971477



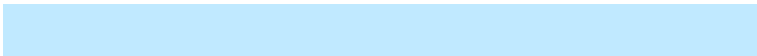
15589119

# Square

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



12971477



12642815



16767474



16768707

# Rectangle

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



12971477



11857652



16767474



16767188

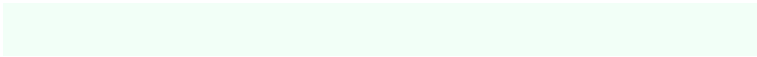


# Sweetspot

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



12971477



15925239



14544325



7897211



0



8421504

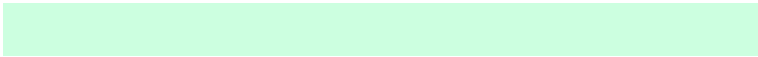


# Same Dimension

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



12971477



13434848



12971497



6976878



46408



13845



# Inverse Universe

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



15582685



16764139



15582665



7694961



11862125

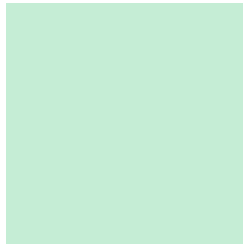


3538976



# Previews

## White Background



This preview shows how the Decimal color 12971477 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 12971477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

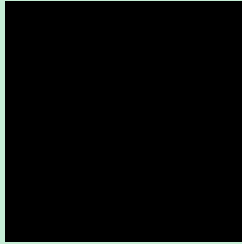
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

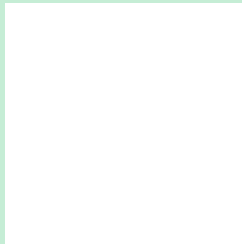
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12971477 Background



This preview shows how black text looks on a background with the Decimal color 12971477.



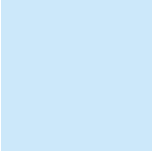
This preview shows how white text looks on a background with the Decimal color 12971477.

# 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





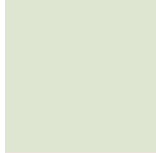
**Tritanopia**  
13428986

# Trichromacy



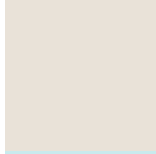
**Original Color**

12971477



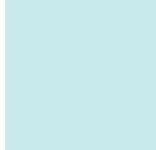
**Protanomaly**

14608081



**Deuteranomaly**

15327960



**Tritanomaly**

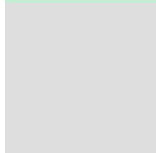
13232877

# Monochromacy



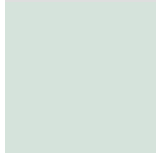
**Original Color**

12971477



**Achromatopsia**

14606046



**Achromatomaly**

14017499

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12971477 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 #C5EDD5 looks like.

```
.text, #text, p{  
    color:#C5EDD5  
}
```

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 #C5EDD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5EDD5
}
```

## Border

The CSS property to change the border of an element to Decimal 12971477 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
#C5EDD5 }
```

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

```
.border{ border-color:#C5EDD5 }
```

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

Here you see how a box with a 4 pixel #C5EDD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5EDD5; -webkit-box-shadow:4px 4px  
4px 4px #C5EDD5; box-shadow:4px 4px 4px  
4px #C5EDD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12971477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5EDD5 }
```

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

```
.background{ background-color:#C5EDD5 }
```

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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