

Converting Colors

Decimal(12117189)

Have a look what the booklet for
Decimal(12117189) contains.

Decimal(12117189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12117189)

Conversions

Conversions Part 1

Format	Color
Hex	B8E4C5
RGB	184, 228, 197
RGB Percent	72%, 89%, 77%
CMY	0.2784, 0.1059, 0.2275
CMYK	0.19, 0.00, 0.14, 0.11
HSL	138°, 45%, 81%
HSV	138°, 19%, 89%
XYZ	57.5886, 69.7084, 63.2431
YIQ	211.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

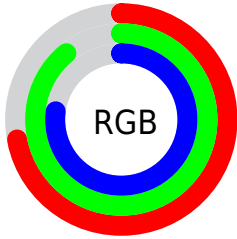
Format	Color
RYB	184, 218, 228
Decimal	12117189
CIELab	86.85, -20.24, 10.46
CIELCh	87, 22.786, 152.666
Yxy	69.7084, 0.3022, 0.3658
Android (android.graphics.Color)	4290307269 (0xFFB8E4C5)
YUV	211.3100, -7.0548, -23.9509
Hunter-Lab	83.4915, -22.9891, 13.5331

Details

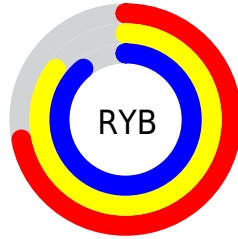
The Decimal color **12117189** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14989527**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **15794174**, and **8563855** is the 20% darker color. If you saturate the color by 10%, you get **10609845**, and if you desaturate by 10%, it is **13624533**.

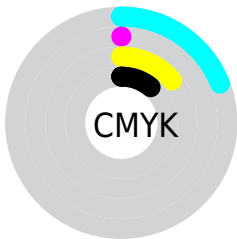
Distribution



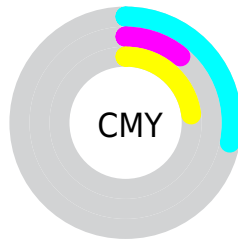
- Red (72%)
- Green (89%)
- Blue (77%)



- Red (72%)
- Yellow (85%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)




- Cyan (28%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12117189 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 12117189 by changing the saturation by 10% instead.

 12117189

 12117189

16777215

 10340522

 15794174

 8563855

 6918774

 5273693


 3694405


 2115375

 536602

 7424


 0

 12117189

 12117189

 10609845


 13624533

 9102501

 15131877

 7660693

 16573685

 6153349

 16770303

 4646005

 3138661

 1631317

 189508

 58435

Harmonies

Analogous

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



13688757



12117189



10872539

Triad

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



12117189



12835839



16764099

Complementary

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



12117189



14989527

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.



16763608



12117189



14734334

Square

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



12117189



11198975



16240110



16503220

Rectangle

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



12117189



10479337



16240110



16763850

Sweetspot

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



12117189



15794164



14214328



7831673



0



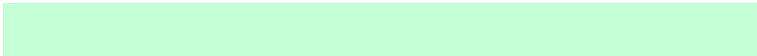
8421504

Same Dimension

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



12117189



12910550



12117210



6779755



45877



13071

Inverse Universe

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



14989527



16762094



14989506



7563119



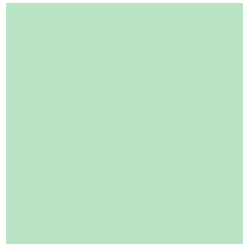
11731070



3342372

Previews

White Background



This preview shows how the Decimal color 12117189 looks on a white background.

Color Contrast Check

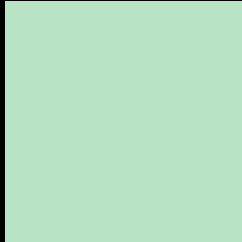
Large Text (above 18pt) WCAG AA × Fail

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 12117189 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

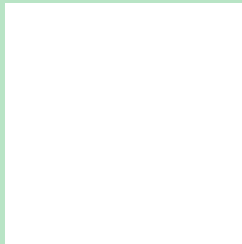
Any Text WCAG AAA ✓ Pass

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

Decimal 12117189 Background



This preview shows how black text looks on a background with the Decimal color 12117189.



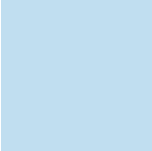
This preview shows how white text looks on a background with the Decimal color 12117189.

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



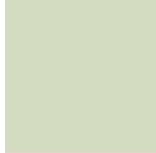


Tritanopia
12639984

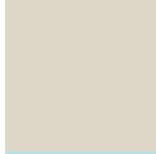
Trichromacy



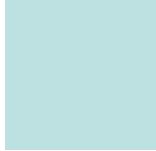
Original Color
12117189



Protanomaly
13884609

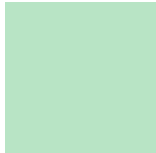


Deuteranomaly
14604488

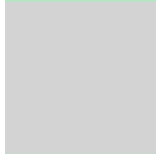


Tritanomaly
12443872

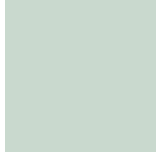
Monochromacy



Original Color
12117189



Achromatopsia
13882323



Achromatomaly
13228494

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12117189 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 #B8E4C5 looks like.

```
.text, #text, p{  
    color:#B8E4C5  
}
```

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 #B8E4C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E4C5
}
```

Border

The CSS property to change the border of an element to Decimal 12117189 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
#B8E4C5 }
```

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

```
.border{ border-color:#B8E4C5 }
```

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

Here you see how a box with a 4 pixel #B8E4C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E4C5; -webkit-box-shadow:4px 4px  
4px 4px #B8E4C5; box-shadow:4px 4px 4px  
4px #B8E4C5 }
```

Background

The CSS property to change the background color of an element to Decimal 12117189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E4C5 }
```

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

```
.background{ background-color:#B8E4C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor