

Converting Colors

CIELCh(66, 22.086, 70.326)

Have a look what the booklet for
CIELCh(66, 22.086, 70.326) contains.

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Color

CIELCh(66, 21.980, 70.438)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BB9B7C |
| RGB | 187, 155, 124 |
| RGB Percent | 73%, 61%, 49% |
| CMY | 0.2678, 0.3933, 0.5148 |
| CMYK | 0.00, 0.17, 0.34, 0.27 |
| HSL | 30°, 32%, 61% |
| HSV | 30°, 34%, 73% |
| XYZ | 35.7154, 35.3238, 23.9137 |
| YIQ | 161.0340, 29.0230, -2.8570 |

Conversions

Conversions Part 2

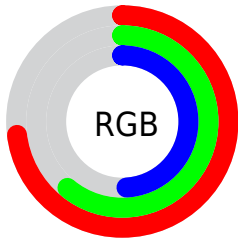
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 187, 185, 124 |
| Decimal | 12295036 |
| CIELab | 66.00, 7.36, 20.71 |
| CIELCh | 66, 21.980, 70.438 |
| Yxy | 35.3238, 0.3761, 0.3720 |
| Android (android.graphics.Color) | 4290485116 (0xFFBB9B7C) |
| YUV | 161.0340, -18.2578, 22.7722 |
| Hunter-Lab | 59.4338, 3.2564, 17.7479 |

Details

The CIELCh color **66, 21.980, 70.438** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 19.922, 259.964**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.785, 69.616**, and **46, 22.059, 70.168** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.189, 69.208**, and if you desaturate by 10%, it is **69, 15.092, 71.671**.

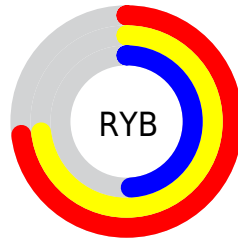
Distribution



Red (73%)

Green (61%)

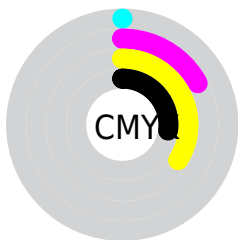
Blue (49%)



Red (73%)

Yellow (73%)

Blue (49%)

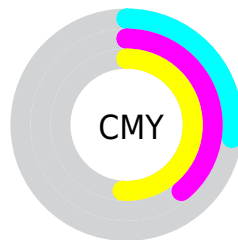


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 21.980, 70.438 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 CIELCh color 66, 21.980, 70.438 by changing the saturation by 10% instead.

■ 66, 21.980, 70.438

■ 66, 21.980, 70.438

■ 100, 21.980,
70.438

■ 56, 21.980, 70.438

■ 86, 21.980, 70.438

■ 46, 21.980, 70.438

■ 96, 21.980, 70.438

■ 36, 21.980, 70.438

■ 26, 21.980, 70.438

■ 16, 21.980, 70.438

■ 6, 21.980, 70.438

■ 0, 21.980, 70.438

■ 66, 21.980, 70.438

■ 66, 21.980, 70.438

■ 63, 29.189, 69.208

■ 69, 15.092, 71.671

61, 36.684, 67.959

72, 8.524, 72.877

58, 44.359, 66.672

75, 2.258, 73.967

56, 51.973, 65.283

78, 3.732, 255.400

53, 59.033, 63.639

81, 9.473, 256.491

51, 64.709, 61.450

84, 14.993,
257.588

50, 67.670, 59.922

87, 20.318,
258.653

89, 18.653,
241.971

92, 18.610,
223.148

Harmonies

Complementary

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



66, 21.980, 70.438



63, 19.922, 259.964

Rectangle

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



66, 21.980, 70.438



66, 21.980, 120.438



66, 21.980, 250.438



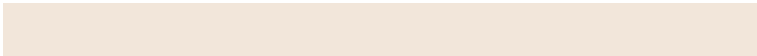
66, 21.980, 300.438

Sweetspot

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



66, 21.980, 70.445



92, 7.606, 73.294



59, 30.220, 345.883



49, 5.249, 73.130



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 21.980, 70.445



81, 32.751, 69.590



74, 32.910, 106.232



38, 3.512, 73.386



42, 59.680, 60.439



6, 10.059, 58.744

Inverse Universe

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



63, 19.922, 259.964



77, 29.017, 261.511



55, 35.662, 293.799



38, 3.433, 255.825



35, 49.159, 282.699



4, 11.463, 267.785

Previews

White Background



This preview shows how the CIELCh color 66, 21.980, 70.438 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 CIELCh color 66, 21.980, 70.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

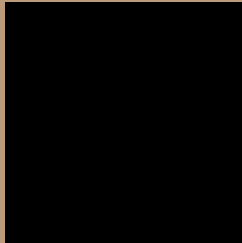
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.980, 70.438

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.980, 70.438.



This preview shows how white text looks on a background with the CIELCh color 66, 21.980, 70.438.

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



Original Color

66, 21.980, 70.438

Protanopia

66, 19.261, 94.471

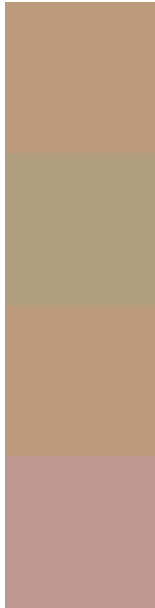
Deuteranopia

66, 22.131, 67.945



Tritanopia
66, 17.081, 0.392

Trichromacy



Original Color
66, 21.980, 70.438

Protanomaly
66, 19.899, 84.701

Deuteranomaly
66, 22.131, 67.945

Tritanomaly
66, 15.202, 31.107

Monochromacy



Original Color
66, 21.980, 70.438

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.926, 76.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.980, 70.438 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 `rgb(187, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(187, 155, 124)  
}
```

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 rgb(187, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 155, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.980, 70.438 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 rgb(187, 155, 124) }
```

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

```
.border{ border-color:rgb(187, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(187, 155,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.980, 70.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 155, 124) }
```

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

```
.background{ background-color: rgb(187,  
155, 124) }
```

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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