

Converting Colors

CIELCh(66, 20.938, 75.427)

Have a look what the booklet for
CIELCh(66, 20.938, 75.427) contains.

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Color

CIELCh(66, 21.126, 75.743)

Conversions

Conversions Part 1

Format	Color
Hex	B79C7C
RGB	183, 156, 124
RGB Percent	72%, 61%, 49%
CMY	0.2821, 0.3880, 0.5135
CMYK	0.00, 0.15, 0.32, 0.28
HSL	33°, 29%, 60%
HSV	33°, 32%, 72%
XYZ	35.0788, 35.3238, 24.0542
YIQ	160.4250, 26.3640, -4.2280

Conversions

Conversions Part 2

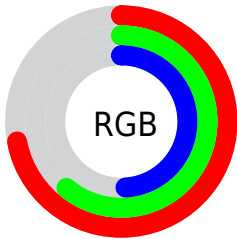
Format	Color
RYB	174, 183, 124
Decimal	12033148
CIELab	66.00, 5.20, 20.48
CIElCh	66, 21.126, 75.743
Yxy	35.3238, 0.3714, 0.3740
Android (android.graphics.Color)	4290223228 (0xFFB79C7C)
YUV	160.4250, -17.9575, 19.7983
Hunter-Lab	59.4338, 1.3443, 17.6077

Details

The CIELCh color $66, 21.126, 75.743$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $62, 19.786, 265.045$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 20.970, 74.596$, and $46, 21.098, 75.910$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.220, 74.424$, and if you desaturate by 10%, it is $69, 14.286, 77.048$.

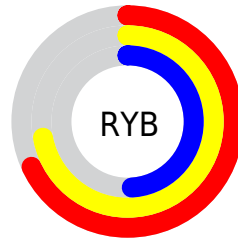
Distribution



Red (72%)

Green (61%)

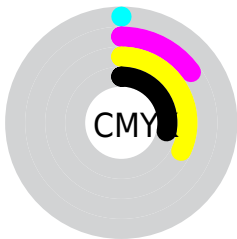
Blue (49%)



Red (68%)

Yellow (72%)

Blue (49%)

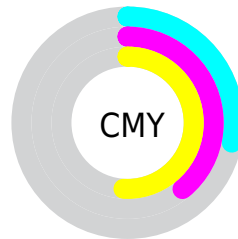


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 21.126, 75.743 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, 21.126, 75.743 by changing the saturation by 10% instead.

■ 66, 21.126, 75.743

■ 66, 21.126, 75.743

■ 100, 21.126,
75.743

■ 56, 21.126, 75.743

■ 86, 21.126, 75.743

■ 46, 21.126, 75.743

■ 96, 21.126, 75.743

■ 36, 21.126, 75.743

■ 26, 21.126, 75.743

■ 16, 21.126, 75.743

■ 6, 21.126, 75.743

■ 0, 21.126, 75.743

■ 66, 21.126, 75.743

■ 66, 21.126, 75.743

■ 63, 28.220, 74.424

■ 69, 14.286, 77.048

61, 35.524, 73.069

71, 7.705, 78.309

59, 42.931, 71.663

74, 1.374, 79.370

56, 50.203, 70.152

77, 4.727, 260.876

54, 56.885, 68.412

79, 10.617,
262.009

52, 62.224, 66.209

82, 16.320,
263.124

51, 65.432, 64.226

85, 21.855,
264.196

87, 20.651,
253.302

89, 19.392,
238.108

Harmonies

Complementary

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



66, 21.126, 75.743



62, 19.786, 265.045

Rectangle

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



66, 21.126, 75.743



66, 21.126, 125.743



66, 21.126, 255.743



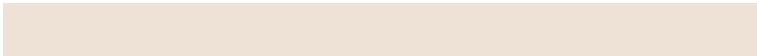
66, 21.126, 305.743

Sweetspot

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



66, 21.126, 75.750



91, 7.742, 78.562



59, 27.595, 348.613



48, 5.340, 78.391



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 21.126, 75.750



81, 32.006, 74.770



73, 31.479, 108.575



37, 3.556, 78.661



43, 57.918, 64.725



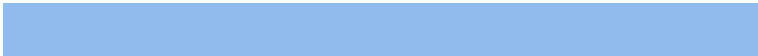
5, 8.890, 65.997

Inverse Universe

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



62, 19.786, 265.045



75, 29.485, 266.670



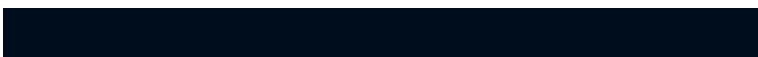
54, 34.045, 295.241



37, 3.502, 261.152



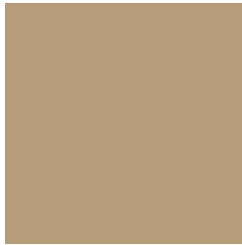
32, 53.534, 287.347



3, 10.621, 270.555

Previews

White Background



This preview shows how the CIELCh color 66, 21.126, 75.743 looks on a white background.

Color Contrast Check

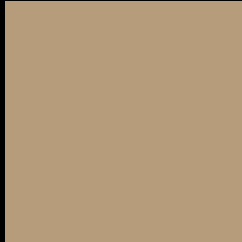
Large Text (above 18pt) WCAG AA × Fail

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, 21.126, 75.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

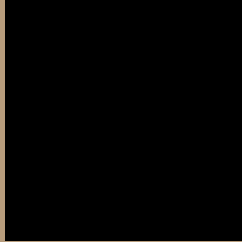
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.126, 75.743

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.126, 75.743.



This preview shows how white text looks on a background with the CIELCh color 66, 21.126, 75.743.

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, 21.126, 75.743

Protanopia

66, 19.261, 94.471

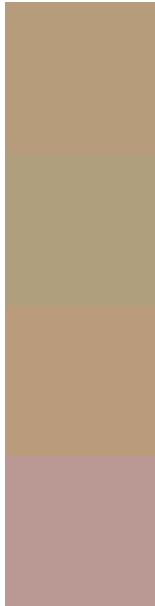
Deuteranopia

66, 22.131, 67.945



Tritanopia
66, 15.430, 355.583

Trichromacy



Original Color
66, 21.126, 75.743

Protanomaly
66, 19.907, 88.579

Deuteranomaly
66, 21.708, 71.307

Tritanomaly
66, 13.420, 29.977

Monochromacy



Original Color
66, 21.126, 75.743

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.514, 81.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.126, 75.743 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(183, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(183, 156, 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(183, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 156, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.126, 75.743 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(183, 156, 124) }
```

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

```
.border{ border-color:rgb(183, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(183, 156,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.126, 75.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 156, 124) }
```

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

```
.background{ background-color: rgb(183,  
156, 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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