

Converting Colors

CIELCh(66, 21.042, 32.760)

Have a look what the booklet for
CIELCh(66, 21.042, 32.760) contains.

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Color

CIELCh(66, 20.684, 33.400)

Conversions

Conversions Part 1

Format	Color
Hex	C6958D
RGB	198, 149, 141
RGB Percent	78%, 58%, 55%
CMY	0.2244, 0.4165, 0.4478
CMYK	0.00, 0.25, 0.29, 0.22
HSL	8°, 33%, 66%
HSV	8°, 29%, 78%
XYZ	38.7394, 35.3238, 29.8973
YIQ	162.7390, 31.7720, 7.9000

Conversions

Conversions Part 2

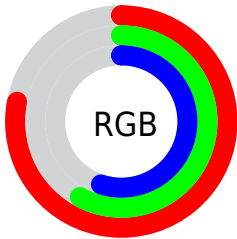
Format	Color
R _Y B	198, 150, 141
Decimal	13014413
CIE Lab	66.00, 17.27, 11.39
CIE LCh	66, 20.684, 33.400
Yxy	35.3238, 0.3726, 0.3398
Android (android.graphics.Color)	4291204493 (0xFFC6958D)
YUV	162.7390, -10.7173, 30.9239
Hunter-Lab	59.4338, 12.3385, 11.7788

Details

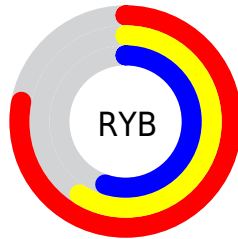
The CIELCh color **66, 20.684, 33.400** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 16.889, 213.192**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.448, 32.529**, and **46, 20.685, 33.240** is the 20% darker color. If you saturate the color by 10%, you get **61, 29.031, 33.969**, and if you desaturate by 10%, it is **71, 12.952, 33.039**.

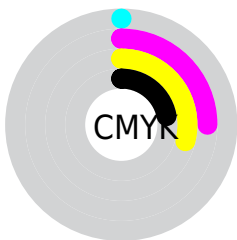
Distribution



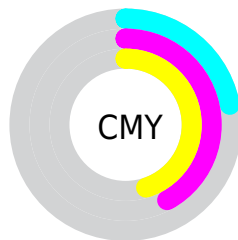
- Red (78%)
- Green (58%)
- Blue (55%)



- Red (78%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 20.684, 33.400 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, 20.684, 33.400 by changing the saturation by 10% instead.

66, 20.684, 33.400

66, 20.684, 33.400

100, 20.684,
33.400

56, 20.684, 33.400

86, 20.684, 33.400

46, 20.684, 33.400

96, 20.684, 33.400

36, 20.684, 33.400

26, 20.684, 33.400

16, 20.684, 33.400

6, 20.684, 33.400

0, 20.684, 33.400

66, 20.684, 33.400

66, 20.684, 33.400

61, 29.031, 33.969

71, 12.952, 33.039

57, 37.981, 34.783

75, 5.820, 32.793

53, 47.455, 35.900

80, 0.756, 213.538

50, 57.277, 37.338

85, 6.826, 212.907

47, 67.090, 39.021

90, 12.447,
212.951

44, 76.121, 40.627

95, 17.460,
205.487

43, 83.109, 41.665

42, 83.899, 41.856

96, 18.775,
198.265

Harmonies

Complementary

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



66, 20.684, 33.400



74, 16.889, 213.192

Rectangle

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



66, 20.684, 33.400



66, 20.684, 83.400



66, 20.684, 213.400



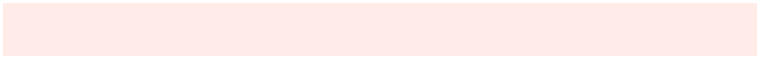
66, 20.684, 263.400

Sweetspot

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



66, 20.683, 33.407



95, 7.317, 32.801



66, 34.208, 330.023



50, 5.116, 32.835



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 20.683, 33.407



80, 31.750, 33.759



73, 21.329, 84.636



39, 3.772, 32.806



35, 72.380, 42.044



4, 14.608, 27.357

Inverse Universe

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



74, 16.889, 213.192



91, 24.541, 213.444



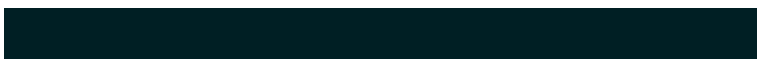
66, 20.931, 272.823



41, 3.552, 212.909



53, 31.295, 222.323



10, 11.465, 216.012

Previews

White Background



This preview shows how the CIELCh color 66, 20.684, 33.400 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 CIE LCh color 66, 20.684, 33.400 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, 20.684, 33.400

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.684, 33.400.



This preview shows how white text looks on a background with the CIELCh color 66, 20.684, 33.400.

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, 20.684, 33.400

Protanopia

66, 7.677, 88.265

Deuteranopia

66, 14.521, 54.738



Tritanopia
66, 22.215, 4.492

Trichromacy



Original Color
66, 20.684, 33.400

Protanomaly
66, 10.751, 54.246

Deuteranomaly
66, 16.494, 46.133

Tritanomaly
66, 20.944, 14.001

Monochromacy



Original Color
66, 20.684, 33.400

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.245, 33.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.684, 33.400 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(198, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 141)  
}
```

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(198, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.684, 33.400 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(198, 149, 141) }
```

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

```
.border{ border-color:rgb(198, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.684, 33.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 141) }
```

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

```
.background{ background-color: rgb(198,  
149, 141) }
```

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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