

Converting Colors

CIELCh(66, 20.681, 39.561)

Have a look what the booklet for
CIELCh(66, 20.681, 39.561) contains.

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Color

CIELCh(66, 20.649, 39.559)

Conversions

Conversions Part 1

Format	Color
Hex	C5968A
RGB	197, 150, 138
RGB Percent	77%, 59%, 54%
CMY	0.2291, 0.4133, 0.4603
CMYK	0.00, 0.24, 0.30, 0.23
HSL	12°, 34%, 66%
HSV	12°, 30%, 77%
XYZ	38.3183, 35.3238, 28.6962
YIQ	162.6850, 31.8640, 6.2320

Conversions

Conversions Part 2

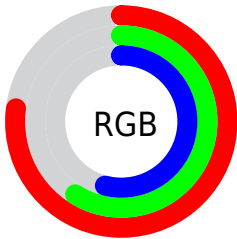
Format	Color
R _Y B	197, 153, 138
Decimal	12949130
CIE Lab	66.00, 15.92, 13.15
CIE LCh	66, 20.649, 39.559
Yxy	35.3238, 0.3744, 0.3452
Android (android.graphics.Color)	4291139210 (0xFFC5968A)
YUV	162.6850, -12.1697, 30.0943
Hunter-Lab	59.4338, 11.0737, 12.9770

Details

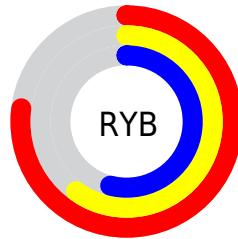
The CIELCh color **66, 20.649, 39.559** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 16.807, 221.315**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.947, 39.500**, and **46, 20.674, 39.706** is the 20% darker color. If you saturate the color by 10%, you get **62, 28.696, 39.756**, and if you desaturate by 10%, it is **70, 13.204, 39.531**.

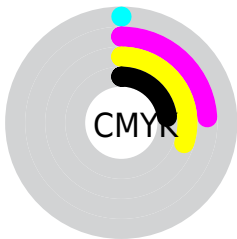
Distribution



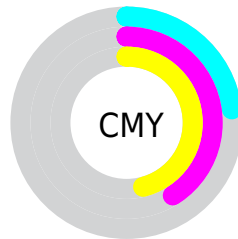
- Red (77%)
- Green (59%)
- Blue (54%)



- Red (77%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 20.649, 39.559 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, 20.649, 39.559 by changing the saturation by 10% instead.

66, 20.649, 39.559

66, 20.649, 39.559

100, 20.649,
39.559

56, 20.649, 39.559

86, 20.649, 39.559

46, 20.649, 39.559

96, 20.649, 39.559

36, 20.649, 39.559

26, 20.649, 39.559

16, 20.649, 39.559

6, 20.649, 39.559

0, 20.649, 39.559

66, 20.649, 39.559

66, 20.649, 39.559

62, 28.696, 39.756

70, 13.204, 39.531

■ 58, 37.346, 40.142

■ 75, 6.335, 39.594

■ 54, 46.542, 40.752

■ 79, 0.010, 283.396

■ 51, 56.127, 41.581

■ 84, 5.867, 220.248

■ 48, 65.736, 42.525

■ 89, 11.305,
220.529

■ 45, 74.553, 43.248

■ 93, 16.287,
219.887

■ 43, 81.580, 43.504

■ 43, 81.582, 43.504

■ 96, 19.139,
198.242

Harmonies

Complementary

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



66, 20.649, 39.559



72, 16.807, 221.315

Rectangle

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



66, 20.649, 39.559



66, 20.649, 89.559



66, 20.649, 219.559



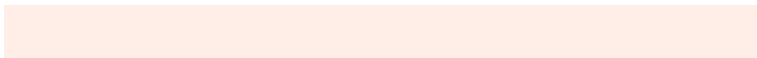
66, 20.649, 269.559

Sweetspot

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



66, 20.648, 39.566



95, 7.021, 39.600



64, 33.834, 332.444



50, 4.908, 39.590



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, 20.648, 39.566



80, 31.455, 39.670



73, 23.415, 89.926



40, 3.619, 39.598



36, 70.718, 43.829



5, 14.138, 31.358

Inverse Universe

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



72, 16.807, 221.315



89, 24.289, 221.864



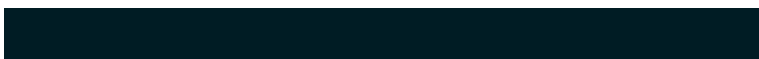
64, 23.540, 278.218



41, 3.416, 220.254



50, 31.489, 235.909



9, 11.157, 226.883

Previews

White Background



This preview shows how the CIELCh color 66, 20.649, 39.559 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, 20.649, 39.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

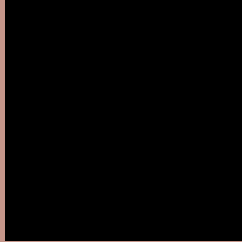
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.649, 39.559

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.649, 39.559.

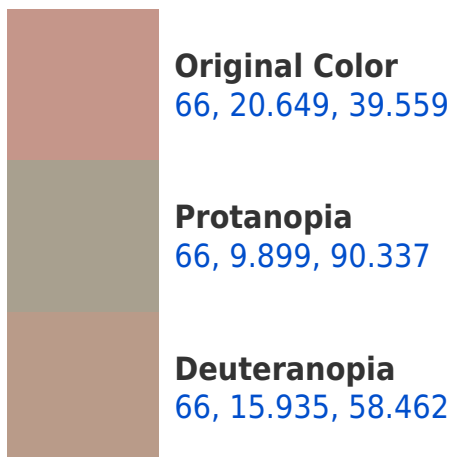


This preview shows how white text looks on a background with the CIELCh color 66, 20.649, 39.559.

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
66, 21.313, 5.169

Trichromacy



Original Color
66, 20.649, 39.559

Protanomaly
66, 12.213, 62.410

Deuteranomaly
66, 17.393, 50.757

Tritanomaly
66, 20.094, 16.701

Monochromacy



Original Color
66, 20.649, 39.559

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 7.416, 37.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.649, 39.559 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(197, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(197, 150, 138)  
}
```

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(197, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.649, 39.559 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(197, 150, 138) }
```

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

```
.border{ border-color:rgb(197, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.649, 39.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 138) }
```

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

```
.background{ background-color: rgb(197,  
150, 138) }
```

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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