

Converting Colors

CIELCh(66, 41.130, 56.023)

Have a look what the booklet for
CIELCh(66, 41.130, 56.023) contains.

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Color

CIELCh(66, 41.203, 55.809)

Conversions

Conversions Part 1

Format	Color
Hex	D88F64
RGB	216, 143, 100
RGB Percent	85%, 56%, 39%
CMY	0.1515, 0.4379, 0.6066
CMYK	0.00, 0.34, 0.54, 0.15
HSL	22°, 60%, 62%
HSV	22°, 54%, 85%
XYZ	40.6142, 35.3238, 16.8127
YIQ	159.9250, 57.3110, 2.1030

Conversions

Conversions Part 2

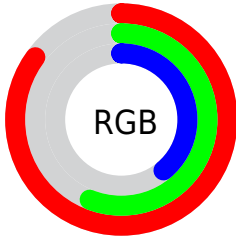
Format	Color
R _Y B	216, 168, 100
Decimal	14192484
CIE Lab	66.00, 23.15, 34.08
CIE LCh	66, 41.203, 55.809
Yxy	35.3238, 0.4379, 0.3808
Android (android.graphics.Color)	4292382564 (0xFFD88F64)
YUV	159.9250, -29.5430, 49.1778
Hunter-Lab	59.4338, 17.9690, 24.8316

Details

The CIELCh color **66, 41.203, 55.809** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 30.687, 249.444**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 34.031, 63.775**, and **46, 41.331, 55.614** is the 20% darker color. If you saturate the color by 10%, you get **63, 50.440, 55.141**, and if you desaturate by 10%, it is **70, 32.400, 56.532**.

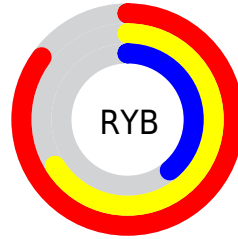
Distribution



Red (85%)

Green (56%)

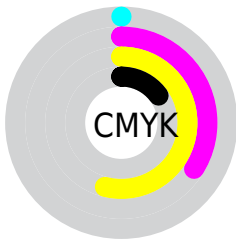
Blue (39%)



Red (85%)

Yellow (66%)

Blue (39%)

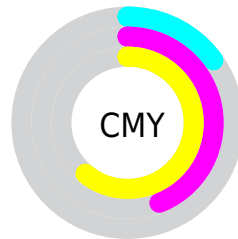


Cyan (0%)

Magenta (34%)

Yellow (54%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 41.203, 55.809 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, 41.203, 55.809 by changing the saturation by 10% instead.

66, 41.203, 55.809

66, 41.203, 55.809

100, 41.203,
55.809

56, 41.203, 55.809

86, 41.203, 55.809

46, 41.203, 55.809

96, 41.203, 55.809

36, 41.203, 55.809

26, 41.203, 55.809

16, 41.203, 55.809

6, 41.203, 55.809

0, 41.203, 55.809

66, 41.203, 55.809

66, 41.203, 55.809

63, 50.440, 55.141

70, 32.400, 56.532

59, 59.879, 54.449

73, 24.120, 57.312

56, 68.975, 53.556

77, 16.371, 58.146

54, 76.662, 52.080

81, 9.129, 59.011

52, 80.635, 50.880

85, 2.353, 59.774

89, 4.003, 241.039

93, 9.987, 241.901

97, 12.098,
205.389

97, 12.974,
198.639

Harmonies

Complementary

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



66, 41.203, 55.809



68, 30.687, 249.444

Rectangle

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



66, 41.203, 55.809



66, 41.203, 105.809



66, 41.203, 235.809



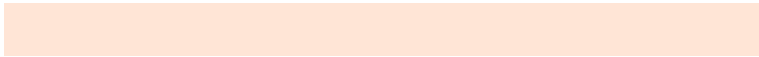
66, 41.203, 285.809

Sweetspot

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



66, 41.202, 55.813



93, 12.341, 58.794



59, 56.809, 341.890



48, 8.391, 58.613



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, 41.202, 55.813



73, 58.119, 55.078



80, 52.065, 98.176



43, 3.715, 59.371



42, 67.238, 51.495



8, 17.628, 44.498

Inverse Universe

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



68, 30.687, 249.444



75, 40.398, 252.861



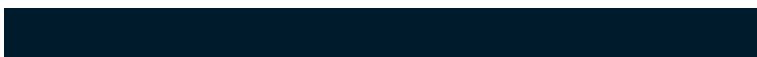
52, 58.194, 292.975



43, 3.564, 241.364



44, 41.005, 267.772



9, 14.255, 256.365

Previews

White Background



This preview shows how the CIELCh color 66, 41.203, 55.809 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, 41.203, 55.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

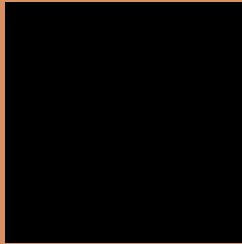
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 41.203, 55.809

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.203, 55.809.

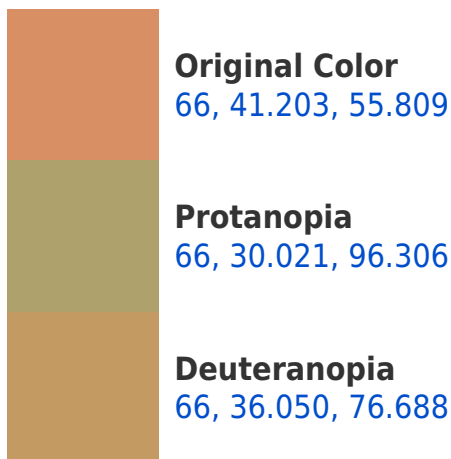


This preview shows how white text looks on a background with the CIELCh color 66, 41.203, 55.809.

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, 33.898, 12.953

Trichromacy



Original Color
66, 41.203, 55.809

Protanomaly
66, 31.485, 79.103

Deuteranomaly
66, 37.247, 68.059

Tritanomaly
66, 34.126, 29.990

Monochromacy



Original Color
66, 41.203, 55.809

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 13.896, 59.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.203, 55.809 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(216, 143, 100)` looks like.

```
.text, #text, p{  
    color:rgb(216, 143, 100)  
}
```

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(216, 143, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 143, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.203, 55.809 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(216, 143, 100) }
```

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

```
.border{ border-color:rgb(216, 143, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 143, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 143, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 143, 100);  
box-shadow:4px 4px 4px 4px rgb(216, 143,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.203, 55.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 143, 100) }
```

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

```
.background{ background-color: rgb(216,  
143, 100) }
```

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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