

Converting Colors

CIELCh(66, 29.411, 59.743)

Have a look what the booklet for
CIELCh(66, 29.411, 59.743) contains.

CIELCh(66, 29.390, 59.744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 29.390, 59.744)

Conversions

Conversions Part 1

Format	Color
Hex	C99674
RGB	201, 150, 116
RGB Percent	79%, 59%, 45%
CMY	0.2132, 0.4131, 0.5464
CMYK	0.00, 0.25, 0.42, 0.21
HSL	24°, 44%, 62%
HSV	24°, 42%, 79%
XYZ	37.9735, 35.3238, 21.2404
YIQ	161.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

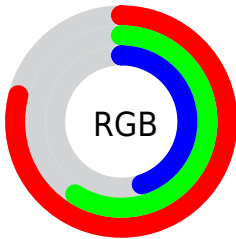
Format	Color
R _Y B	201, 173, 116
Decimal	13211252
CIE Lab	66.00, 14.81, 25.39
CIE LCh	66, 29.390, 59.744
Yxy	35.3238, 0.4017, 0.3736
Android (android.graphics.Color)	4291401332 (0xFFC99674)
YUV	161.3730, -22.3689, 34.7529
Hunter-Lab	59.4338, 10.0382, 20.4147

Details

The CIELCh color **66, 29.390, 59.744** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 24.051, 250.571**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.096, 61.956**, and **46, 29.574, 59.875** is the 20% darker color. If you saturate the color by 10%, you get **63, 37.502, 58.865**, and if you desaturate by 10%, it is **69, 21.731, 60.675**.

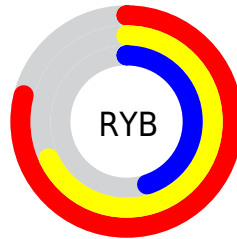
Distribution



Red (79%)

Green (59%)

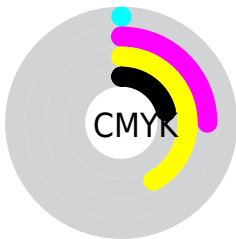
Blue (45%)



Red (79%)

Yellow (68%)

Blue (45%)

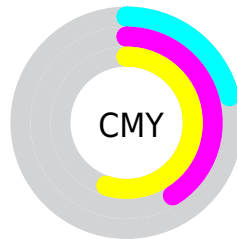


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (41%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 29.390, 59.744 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, 29.390, 59.744 by changing the saturation by 10% instead.

 66, 29.390, 59.744

 66, 29.390, 59.744

 100, 29.390,
59.744

 56, 29.390, 59.744

 86, 29.390, 59.744

 46, 29.390, 59.744

 96, 29.390, 59.744

 36, 29.390, 59.744

 26, 29.390, 59.744

 16, 29.390, 59.744

 6, 29.390, 59.744

 0, 29.390, 59.744

 66, 29.390, 59.744

 66, 29.390, 59.744

 63, 37.502, 58.865

 69, 21.731, 60.675

60, 45.997, 58.007

73, 14.536, 61.633

57, 54.677, 57.118

76, 7.780, 62.603

54, 63.087, 56.045

80, 1.429, 63.360

51, 70.337, 54.461

84, 4.559, 244.782

50, 74.845, 52.922

87, 10.223,
245.733

91, 15.213,
245.078

94, 15.488,
216.139

96, 17.909,
198.320

Harmonies

Complementary

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



66, 29.390, 59.744



66, 24.051, 250.571

Rectangle

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



66, 29.390, 59.744



66, 29.390, 109.744



66, 29.390, 239.744



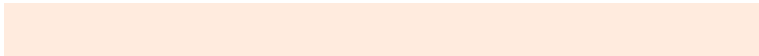
66, 29.390, 289.744

Sweetspot

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



66, 29.389, 59.750



94, 9.980, 62.523



59, 42.144, 342.334



49, 7.033, 62.306



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, 29.389, 59.750



79, 44.305, 58.919



77, 40.294, 101.303



40, 3.516, 62.884



41, 63.899, 53.513



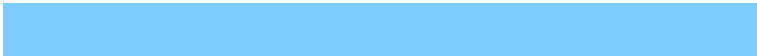
6, 13.119, 46.535

Inverse Universe

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



66, 24.051, 250.571



79, 34.426, 252.949



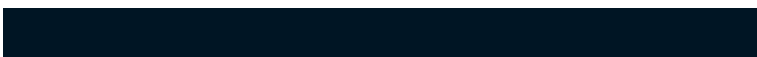
54, 43.979, 291.968



40, 3.389, 245.022



40, 41.889, 271.846



6, 12.485, 259.792

Previews

White Background



This preview shows how the CIELCh color 66, 29.390, 59.744 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, 29.390, 59.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

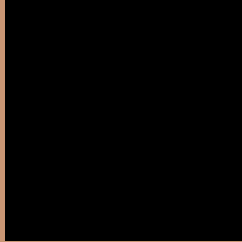
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 29.390, 59.744

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.390, 59.744.



This preview shows how white text looks on a background with the CIELCh color 66, 29.390, 59.744.

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, 24.505, 7.756

Trichromacy



Original Color
66, 29.390, 59.744

Protanomaly
66, 23.819, 80.261

Deuteranomaly
66, 27.947, 66.462

Tritanomaly
66, 23.659, 28.234

Monochromacy



Original Color
66, 29.390, 59.744

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.809, 62.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.390, 59.744 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(201, 150, 116)` looks like.

```
.text, #text, p{  
    color:rgb(201, 150, 116)  
}
```

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(201, 150, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 150, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.390, 59.744 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(201, 150, 116) }
```

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

```
.border{ border-color:rgb(201, 150, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 150, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(201, 150,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.390, 59.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 150, 116) }
```

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

```
.background{ background-color: rgb(201,  
150, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor