

Converting Colors

CIELCh(61, 65.563, 79.536)

Have a look what the booklet for
CIELCh(61, 65.563, 79.536) contains.

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Color

CIELCh(61, 65.442, 79.606)

Conversions

Conversions Part 1

Format	Color
Hex	C0890C
RGB	192, 137, 12
RGB Percent	75%, 54%, 5%
CMY	0.2458, 0.4616, 0.9544
CMYK	0.00, 0.29, 0.94, 0.25
HSL	42°, 89%, 40%
HSV	42°, 94%, 75%
XYZ	30.8731, 29.2481, 4.3537
YIQ	139.1950, 72.9050, -27.2150

Conversions

Conversions Part 2

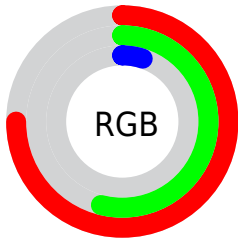
Format	Color
RYB	91, 192, 12
Decimal	12617996
CIELab	61.00, 11.81, 64.37
CIELCh	61, 65.442, 79.606
Yxy	29.2481, 0.4788, 0.4536
Android (android.graphics.Color)	4290808076 (0xFFC0890C)
YUV	139.1950, -62.7071, 46.3100
Hunter-Lab	54.0815, 7.2560, 33.0841

Details

The CIELCh color **61, 65.442, 79.606** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **34, 77.594, 296.272**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 65.436, 79.544**, and **41, 50.892, 75.333** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.947, 78.272**, and if you desaturate by 10%, it is **63, 61.716, 81.627**.

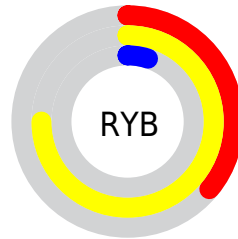
Distribution



Red (75%)

Green (54%)

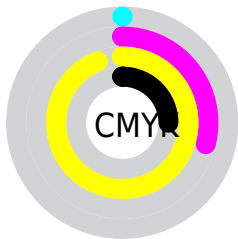
Blue (5%)



Red (36%)

Yellow (75%)

Blue (5%)

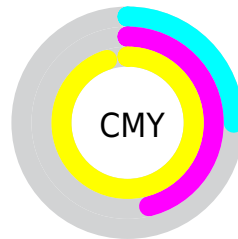


Cyan (0%)

Magenta (29%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 65.442, 79.606 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 61, 65.442, 79.606 by changing the saturation by 10% instead.

61, 65.442, 79.606

61, 65.442, 79.606

100, 65.442,
79.606

51, 65.442, 79.606

81, 65.442, 79.606

41, 65.442, 79.606

91, 65.442, 79.606

31, 65.442, 79.606

21, 65.442, 79.606

11, 65.442, 79.606

1, 65.442, 79.606

0, 65.442, 79.606

61, 65.442, 79.606

61, 65.442, 79.606

60, 66.947, 78.272

63, 61.716, 81.627

64, 56.045, 83.336

66, 49.161, 84.873

68, 41.643, 86.317

69, 33.857, 87.707

71, 26.009, 89.055

73, 18.211, 90.364

75, 10.516, 91.629

77, 2.950, 92.808

Harmonies

Complementary

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



61, 65.442, 79.606



34, 77.594, 296.272

Rectangle

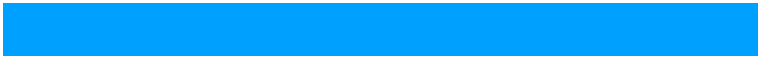
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 65.442, 79.606



61, 65.442, 129.606



61, 65.442, 259.606



61, 65.442, 309.606

Sweetspot

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



61, 65.441, 79.609



91, 26.419, 89.782



41, 68.359, 16.594



48, 18.295, 89.209



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 65.441, 79.609



76, 81.457, 77.815



73, 78.751, 113.441



40, 4.278, 92.189



51, 58.625, 78.651



8, 12.865, 82.160

Inverse Universe

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



34, 77.594, 296.272



41, 102.630, 298.765



26, 103.702, 306.925



38, 4.290, 274.580



26, 71.586, 297.753



3, 15.439, 281.124

Previews

White Background



This preview shows how the CIELCh color 61, 65.442, 79.606 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 65.442, 79.606 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 × Fail

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

CIELCh 61, 65.442, 79.606

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.442, 79.606.



This preview shows how white text looks on a background with the CIELCh color 61, 65.442, 79.606.

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

61, 65.286, 79.570

Protanopia

61, 62.706, 95.412

Deuteranopia

61, 65.622, 83.141



Tritanopia
61, 29.387, 13.016

Trichromacy



Original Color
61, 65.286, 79.570

Protanomaly
61, 63.149, 89.296

Deuteranomaly
61, 65.595, 81.838

Tritanomaly
61, 38.240, 56.484

Monochromacy



Original Color
61, 65.286, 79.570

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 26.883, 87.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.442, 79.606 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(192, 137, 12)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 12)  
}
```

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(192, 137, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.442, 79.606 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(192, 137, 12) }
```

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

```
.border{ border-color:rgb(192, 137, 12) }
```

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

Here you see how a box with a 4 pixel rgb(192, 137, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 12);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.442, 79.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 12) }
```

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

```
.background{ background-color: rgb(192,  
137, 12) }
```

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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