

Converting Colors

CIELCh(61, 64.256, 79.386)

Have a look what the booklet for
CIELCh(61, 64.256, 79.386) contains.

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Color

CIELCh(61, 64.186, 79.303)

Conversions

Conversions Part 1

Format	Color
Hex	C08912
RGB	192, 137, 18
RGB Percent	75%, 54%, 7%
CMY	0.2460, 0.4618, 0.9278
CMYK	0.00, 0.29, 0.90, 0.25
HSL	41°, 83%, 41%
HSV	41°, 90%, 75%
XYZ	30.9019, 29.2481, 4.6062
YIQ	139.8790, 70.9790, -25.3490

Conversions

Conversions Part 2

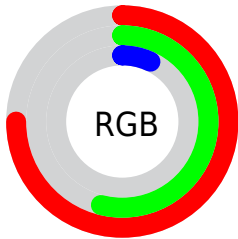
Format	Color
R_{YB}	98, 192, 18
Decimal	12618002
CIE Lab	61.00, 11.91, 63.07
CIE LCh	61, 64.186, 79.303
Yxy	29.2481, 0.4772, 0.4517
Android (android.graphics.Color)	4290808082 (0xFFC08912)
YUV	139.8790, -60.0863, 45.7101
Hunter-Lab	54.0815, 7.3513, 32.8073

Details

The CIELCh color **61, 64.186, 79.303** 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 **36, 73.043, 294.370**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 64.254, 79.214**, and **41, 50.892, 75.333** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.832, 77.147**, and if you desaturate by 10%, it is **63, 59.613, 81.241**.

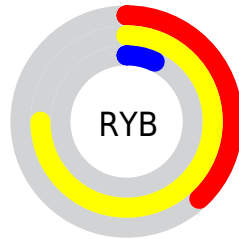
Distribution



Red (75%)

Green (54%)

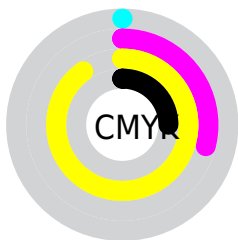
Blue (7%)



Red (38%)

Yellow (75%)

Blue (7%)

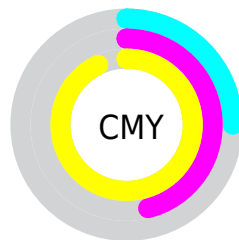


Cyan (0%)

Magenta (29%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 64.186, 79.303 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, 64.186, 79.303 by changing the saturation by 10% instead.

61, 64.186, 79.303

61, 64.186, 79.303

100, 64.186,
79.303

51, 64.186, 79.303

81, 64.186, 79.303

41, 64.186, 79.303

91, 64.186, 79.303

31, 64.186, 79.303

21, 64.186, 79.303

11, 64.186, 79.303

1, 64.186, 79.303

0, 64.186, 79.303

61, 64.186, 79.303

61, 64.186, 79.303

60, 66.832, 77.147

63, 59.613, 81.241

64, 53.383, 82.905

66, 46.204, 84.422

68, 38.572, 85.857

70, 30.784, 87.242

72, 23.000, 88.586

74, 15.304, 89.889

76, 7.734, 91.143

78, 0.306, 91.667

Harmonies

Complementary

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



61, 64.186, 79.303



36, 73.043, 294.370

Rectangle

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



61, 64.186, 79.303



61, 64.186, 129.303



61, 64.186, 259.303



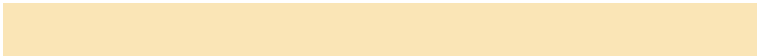
61, 64.186, 309.303

Sweetspot

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



61, 64.185, 79.306



91, 25.185, 88.981



41, 67.100, 14.774



48, 17.017, 88.528



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, 64.185, 79.306



76, 81.347, 76.671



73, 77.741, 113.254



40, 4.227, 91.271



50, 58.529, 77.542



8, 12.712, 80.747

Inverse Universe

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



36, 73.043, 294.370



42, 100.820, 298.169



27, 101.509, 306.799



38, 4.233, 273.681



26, 70.300, 297.130



3, 15.291, 280.622

Previews

White Background



This preview shows how the CIELCh color 61, 64.186, 79.303 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, 64.186, 79.303 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, 64.186, 79.303

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.186, 79.303.



This preview shows how white text looks on a background with the CIELCh color 61, 64.186, 79.303.

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, 64.186, 79.303

Protanopia

61, 61.421, 95.401

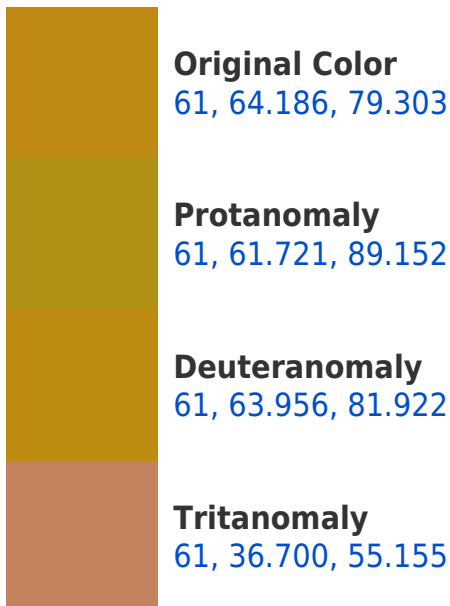
Deuteranopia

61, 63.885, 83.240



Tritanopia
61, 28.978, 12.824

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.186, 79.303 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, 18)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 18)  
}
```

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, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.186, 79.303 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, 18) }
```

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

```
.border{ border-color:rgb(192, 137, 18) }
```

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, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 18);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.186, 79.303 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, 18) }
```

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

```
.background{ background-color: rgb(192,  
137, 18) }
```

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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