

Converting Colors

CIELCh(62, 60.468, 64.889)

Have a look what the booklet for
CIELCh(62, 60.468, 64.889) contains.

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Color

CIELCh(62, 60.526, 64.835)

Conversions

Conversions Part 1

Format	Color
Hex	D58231
RGB	213, 130, 49
RGB Percent	84%, 51%, 19%
CMY	0.1640, 0.4896, 0.8072
CMYK	0.00, 0.39, 0.77, 0.16
HSL	30°, 66%, 51%
HSV	30°, 77%, 84%
XYZ	36.0540, 30.4025, 6.8908
YIQ	145.5830, 75.4690, -7.5950

Conversions

Conversions Part 2

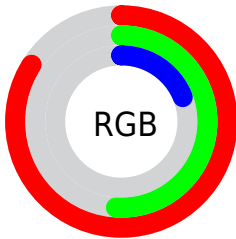
Format	Color
R _Y B	213, 209, 49
Decimal	13992497
CIE Lab	62.00, 25.74, 54.78
CIE LCh	62, 60.526, 64.835
Yxy	30.4025, 0.4916, 0.4145
Android (android.graphics.Color)	4292182577 (0xFFD58231)
YUV	145.5830, -47.6154, 59.1247
Hunter-Lab	55.1385, 20.2252, 31.1873

Details

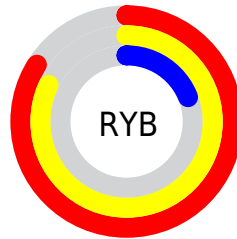
The CIELCh color **62, 60.526, 64.835** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle muted orange. A complement of this color would be **54, 48.744, 273.654**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 54.354, 70.809**, and **42, 57.565, 63.099** is the 20% darker color. If you saturate the color by 10%, you get **59, 67.893, 63.000**, and if you desaturate by 10%, it is **65, 52.210, 66.321**.

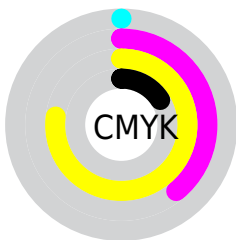
Distribution



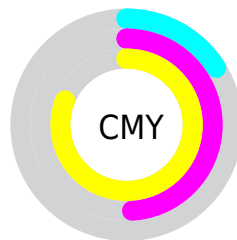
- Red (84%)
- Green (51%)
- Blue (19%)



- Red (84%)
- Yellow (82%)
- Blue (19%)



- Cyan (0%)
- Magenta (39%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 60.526, 64.835 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 62, 60.526, 64.835 by changing the saturation by 10% instead.

62, 60.526, 64.835

62, 60.526, 64.835

100, 60.526,
64.835

52, 60.526, 64.835

82, 60.526, 64.835

42, 60.526, 64.835

92, 60.526, 64.835

32, 60.526, 64.835

22, 60.526, 64.835

12, 60.526, 64.835

2, 60.526, 64.835

0, 60.526, 64.835

62, 60.526, 64.835

62, 60.526, 64.835

59, 67.893, 63.000

65, 52.210, 66.321

57, 73.321, 60.482

68, 43.651, 67.652

56, 74.810, 59.699

70, 35.213, 68.927

73, 27.062, 70.182

77, 19.262, 71.427

80, 11.822, 72.656

83, 4.728, 73.832

86, 2.048, 255.307

90, 8.536, 256.333

Harmonies

Complementary

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



62, 60.526, 64.835



54, 48.744, 273.654

Rectangle

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



62, 60.526, 64.835



62, 60.526, 114.835



62, 60.526, 244.835



62, 60.526, 294.835

Sweetspot

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



62, 60.525, 64.838



91, 18.845, 71.885



50, 68.690, 353.192



47, 13.160, 71.434



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 60.525, 64.838



69, 81.762, 61.585



82, 75.446, 102.650



43, 3.904, 73.552



46, 63.228, 60.325



10, 17.038, 58.522

Inverse Universe

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



54, 48.744, 273.654



58, 66.918, 280.739



34, 97.045, 302.865



43, 3.816, 256.030



37, 52.542, 283.174



7, 17.043, 272.312

Previews

White Background



This preview shows how the CIELCh color 62, 60.526, 64.835 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 62, 60.526, 64.835 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 62, 60.526, 64.835

Background



This preview shows how black text looks on a background with the CIELCh color 62, 60.526, 64.835.



This preview shows how white text looks on a background with the CIELCh color 62, 60.526, 64.835.

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

62, 60.526, 64.835

Protanopia

62, 51.194, 95.728

Deuteranopia

62, 56.076, 82.166



Tritanopia
62, 39.923, 17.046

Trichromacy



Original Color
62, 60.526, 64.835

Protanomaly
62, 52.114, 83.113

Deuteranomaly
62, 56.745, 75.256

Tritanomaly
62, 43.403, 40.776

Monochromacy



Original Color
62, 60.526, 64.835

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 20.986, 70.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 60.526, 64.835 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(213, 130, 49)` looks like.

```
.text, #text, p{  
    color:rgb(213, 130, 49)  
}
```

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(213, 130, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 130, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 60.526, 64.835 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(213, 130, 49) }
```

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

```
.border{ border-color:rgb(213, 130, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 130, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 130, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 130, 49);  
box-shadow:4px 4px 4px 4px rgb(213, 130,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 60.526, 64.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 130, 49) }
```

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

```
.background{ background-color: rgb(213,  
130, 49) }
```

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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