

Converting Colors

CIELCh(62, 66.050, 68.162)

Have a look what the booklet for
CIELCh(62, 66.050, 68.162) contains.

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Color

CIELCh(62, 66.061, 68.092)

Conversions

Conversions Part 1

Format	Color
Hex	D58320
RGB	213, 131, 32
RGB Percent	84%, 51%, 13%
CMY	0.1655, 0.4869, 0.8753
CMYK	0.00, 0.39, 0.85, 0.17
HSL	33°, 74%, 48%
HSV	33°, 85%, 83%
XYZ	35.7296, 30.4025, 5.3366
YIQ	144.2320, 80.6510, -13.4050

Conversions

Conversions Part 2

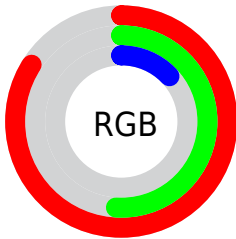
Format	Color
R _Y B	182, 213, 32
Decimal	13992736
CIE Lab	62.00, 24.65, 61.29
CIE LCh	62, 66.061, 68.092
Yxy	30.4025, 0.4999, 0.4254
Android (android.graphics.Color)	4292182816 (0xFFD58320)
YUV	144.2320, -55.3304, 60.3095
Hunter-Lab	55.1385, 19.1751, 32.8585

Details

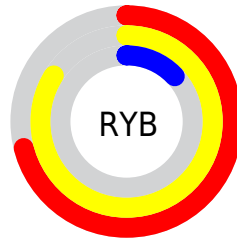
The CIELCh color **62, 66.061, 68.092** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **48, 58.937, 282.438**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 60.306, 74.152**, and **42, 57.097, 63.977** is the 20% darker color. If you saturate the color by 10%, you get **60, 71.213, 65.606**, and if you desaturate by 10%, it is **64, 58.992, 69.997**.

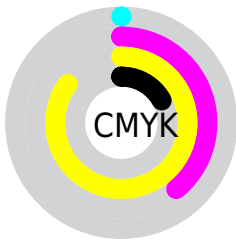
Distribution



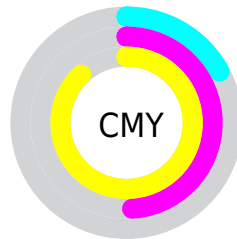
- Red (84%)
- Green (51%)
- Blue (13%)



- Red (71%)
- Yellow (84%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (85%)
- Black (17%)



- Cyan (17%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.061, 68.092 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, 66.061, 68.092 by changing the saturation by 10% instead.

62, 66.061, 68.092

62, 66.061, 68.092

100, 66.061,
68.092

52, 66.061, 68.092

82, 66.061, 68.092

42, 66.061, 68.092

92, 66.061, 68.092

32, 66.061, 68.092

22, 66.061, 68.092

12, 66.061, 68.092

2, 66.061, 68.092

0, 66.061, 68.092

62, 66.061, 68.092

62, 66.061, 68.092

60, 71.213, 65.606

64, 58.992, 69.997

59, 73.213, 64.243

67, 50.963, 71.596

69, 42.620, 73.052

72, 34.310, 74.442

75, 26.203, 75.797

78, 18.367, 77.122

81, 10.822, 78.414

84, 3.562, 79.622

87, 3.432, 261.057

Harmonies

Complementary

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



62, 66.061, 68.092



48, 58.937, 282.438

Rectangle

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



62, 66.061, 68.092



62, 66.061, 118.092



62, 66.061, 248.092



62, 66.061, 298.092

Sweetspot

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



62, 66.059, 68.095



91, 22.124, 76.964



47, 70.685, 359.554



47, 15.100, 76.502



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, 66.059, 68.095



69, 84.051, 63.830



82, 80.569, 105.035



44, 4.055, 79.116



48, 62.038, 64.844



10, 17.135, 64.922

Inverse Universe

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



48, 58.937, 282.438



51, 80.885, 289.252



30, 107.004, 304.983



43, 3.995, 261.656



35, 58.338, 288.096



6, 18.369, 277.010

Previews

White Background



This preview shows how the CIELCh color 62, 66.061, 68.092 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, 66.061, 68.092 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, 66.061, 68.092

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.061, 68.092.



This preview shows how white text looks on a background with the CIELCh color 62, 66.061, 68.092.

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, 66.061, 68.092

Protanopia

62, 58.191, 95.479

Deuteranopia

62, 62.835, 82.802



Tritanopia
62, 39.923, 17.046

Trichromacy



Original Color
62, 66.061, 68.092

Protanomaly
62, 59.193, 84.793

Deuteranomaly
62, 63.582, 77.583

Tritanomaly
62, 45.200, 44.263

Monochromacy



Original Color
62, 66.061, 68.092

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 24.332, 75.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.061, 68.092 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, 131, 32)` looks like.

```
.text, #text, p{  
    color:rgb(213, 131, 32)  
}
```

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, 131, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 131, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.061, 68.092 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, 131, 32) }
```

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

```
.border{ border-color:rgb(213, 131, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 131, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 131, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 131, 32);  
box-shadow:4px 4px 4px 4px rgb(213, 131,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.061, 68.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 131, 32) }
```

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

```
.background{ background-color: rgb(213,  
131, 32) }
```

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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