

Converting Colors

CIELCh(62, 82.743, 50.042)

Have a look what the booklet for
CIELCh(62, 82.743, 50.042) contains.

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Color

CIELCh(62, 82.816, 50.152)

Conversions

Conversions Part 1

Format	Color
Hex	FB6820
RGB	251, 104, 32
RGB Percent	98%, 41%, 13%
CMY	0.0169, 0.5931, 0.8756
CMYK	0.00, 0.59, 0.87, 0.02
HSL	20°, 96%, 55%
HSV	20°, 87%, 98%
XYZ	44.8525, 30.4025, 4.8510
YIQ	139.7450, 110.7240, 8.7720

Conversions

Conversions Part 2

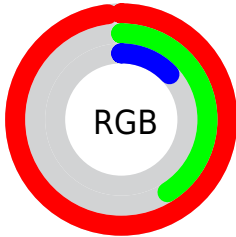
Format	Color
R_{YB}	251, 139, 32
Decimal	16476192
CIE Lab	62.00, 53.06, 63.58
CIE LCh	62, 82.816, 50.152
Yxy	30.4025, 0.5599, 0.3795
Android (android.graphics.Color)	4294666272 (0xFFFB6820)
YUV	139.7450, -53.1183, 97.5706
Hunter-Lab	55.1385, 48.7086, 33.3807

Details

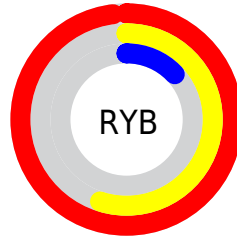
The CIELCh color **62, 82.816, 50.152** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **69, 47.169, 255.941**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.249, 60.789**, and **42, 76.239, 45.557** is the 20% darker color. If you saturate the color by 10%, you get **59, 90.701, 48.649**, and if you desaturate by 10%, it is **65, 72.637, 50.843**.

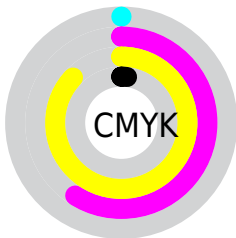
Distribution



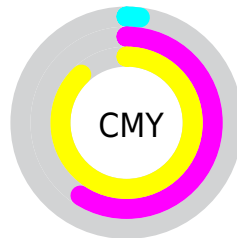
- Red (98%)
- Green (41%)
- Blue (13%)



- Red (98%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (87%)
- Black (2%)



- Cyan (2%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 82.816, 50.152 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, 82.816, 50.152 by changing the saturation by 10% instead.

62, 82.816, 50.152

62, 82.816, 50.152

100, 82.816,
50.152

52, 82.816, 50.152

82, 82.816, 50.152

42, 82.816, 50.152

92, 82.816, 50.152

32, 82.816, 50.152

22, 82.816, 50.152

12, 82.816, 50.152

2, 82.816, 50.152

0, 82.816, 50.152

62, 82.816, 50.152

62, 82.816, 50.152

59, 90.701, 48.649

65, 72.637, 50.843

59, 92.519, 48.231

69, 61.698, 51.225

73, 50.857, 51.575

77, 40.496, 51.994

81, 30.761, 52.510

86, 21.686, 53.116

90, 13.250, 53.789

95, 5.409, 54.473

100, 1.498,
199.753

Harmonies

Complementary

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



62, 82.816, 50.152



69, 47.169, 255.941

Rectangle

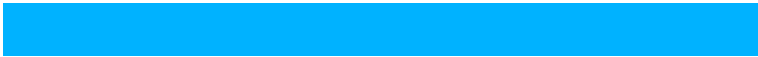
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 82.816, 50.152



62, 82.816, 100.152



62, 82.816, 230.152



62, 82.816, 280.152

Sweetspot

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



62, 82.813, 50.154



88, 20.802, 53.202



57, 88.933, 343.989



45, 14.287, 52.980



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, 82.813, 50.154



60, 93.754, 48.200



85, 81.972, 90.791



50, 4.208, 54.334



45, 74.261, 48.840



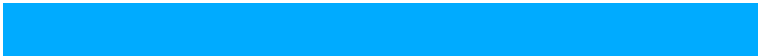
13, 26.966, 45.626

Inverse Universe

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



69, 47.169, 255.941



67, 52.013, 262.433



41, 105.261, 300.219



50, 4.011, 236.073



50, 41.031, 261.401



15, 17.343, 253.830

Previews

White Background



This preview shows how the CIELCh color 62, 82.816, 50.152 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, 82.816, 50.152 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, 82.816, 50.152

Background



This preview shows how black text looks on a background with the CIELCh color 62, 82.816, 50.152.



This preview shows how white text looks on a background with the CIELCh color 62, 82.816, 50.152.

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, 82.816, 50.152

Protanopia

62, 55.625, 95.882

Deuteranopia

62, 67.130, 83.129



Tritanopia
62, 66.235, 25.476

Trichromacy



Original Color
62, 82.816, 50.152

Protanomaly
61, 59.242, 73.528

Deuteranomaly
61, 70.314, 68.768

Tritanomaly
62, 71.276, 36.739

Monochromacy



Original Color
62, 82.816, 50.152

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 28.661, 51.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 82.816, 50.152 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(251, 104, 32)` looks like.

```
.text, #text, p{  
    color:rgb(251, 104, 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(251, 104, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 104, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 82.816, 50.152 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(251, 104, 32) }
```

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

```
.border{ border-color:rgb(251, 104, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 104, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 104, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 104, 32);  
box-shadow:4px 4px 4px 4px rgb(251, 104,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 82.816, 50.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 104, 32) }
```

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

```
.background{ background-color: rgb(251,  
104, 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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