

Converting Colors

CIELCh(62, 56.193, 79.820)

Have a look what the booklet for
CIELCh(62, 56.193, 79.820) contains.

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Color

CIELCh(62, 56.025, 79.600)

Conversions

Conversions Part 1

Format	Color
Hex	BF8D2E
RGB	191, 141, 46
RGB Percent	75%, 55%, 18%
CMY	0.2502, 0.4464, 0.8189
CMYK	0.00, 0.26, 0.76, 0.25
HSL	39°, 61%, 47%
HSV	39°, 76%, 75%
XYZ	31.5837, 30.4025, 6.8073
YIQ	145.1200, 60.2950, -18.9450

Conversions

Conversions Part 2

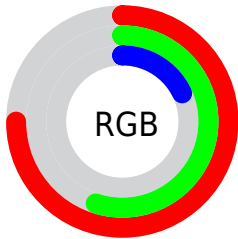
Format	Color
R _Y B	122, 191, 46
Decimal	12553518
CIE Lab	62.00, 10.11, 55.10
CIE LCh	62, 56.025, 79.600
Yxy	30.4025, 0.4591, 0.4419
Android (android.graphics.Color)	4290743598 (0xFFBF8D2E)
YUV	145.1200, -48.8662, 40.2368
Hunter-Lab	55.1385, 5.7536, 31.2771

Details

The CIELCh color **62, 56.025, 79.600** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **42, 57.325, 287.309**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 56.111, 79.433**, and **42, 51.030, 78.092** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.612, 77.741**, and if you desaturate by 10%, it is **64, 49.212, 81.229**.

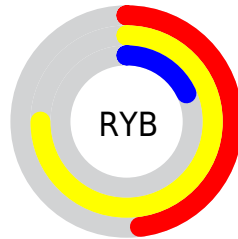
Distribution



Red (75%)

Green (55%)

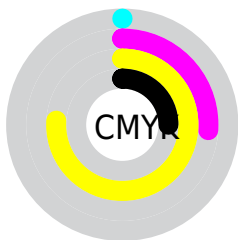
Blue (18%)



Red (48%)

Yellow (75%)

Blue (18%)

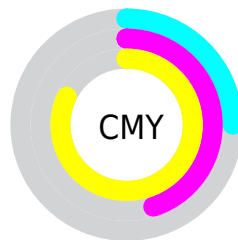


Cyan (0%)

Magenta (26%)

Yellow (76%)

Black (25%)



Cyan (25%)

Magenta (45%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 56.025, 79.600 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, 56.025, 79.600 by changing the saturation by 10% instead.

62, 56.025, 79.600

62, 56.025, 79.600

100, 56.025,
79.600

52, 56.025, 79.600

82, 56.025, 79.600

42, 56.025, 79.600

92, 56.025, 79.600

32, 56.025, 79.600

22, 56.025, 79.600

12, 56.025, 79.600

2, 56.025, 79.600

0, 56.025, 79.600

62, 56.025, 79.600

62, 56.025, 79.600

60, 61.612, 77.741

64, 49.212, 81.229

59, 65.226, 75.463

66, 41.789, 82.730

58, 66.434, 74.472

68, 34.138, 84.161

70, 26.469, 85.544

72, 18.889, 86.886

74, 11.450, 88.185

76, 4.171, 89.412

78, 2.947, 270.770

81, 9.907, 271.882

Harmonies

Complementary

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



62, 56.025, 79.600



42, 57.325, 287.309

Rectangle

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



62, 56.025, 79.600



62, 56.025, 129.600



62, 56.025, 259.600



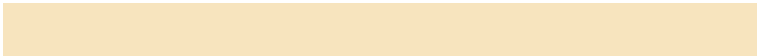
62, 56.025, 309.600

Sweetspot

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



62, 56.024, 79.603



91, 20.664, 87.213



44, 60.059, 5.740



48, 14.477, 86.731



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 56.024, 79.603



75, 77.961, 76.297



74, 70.187, 111.342



39, 4.020, 88.997



48, 57.721, 74.932



7, 10.934, 77.891

Inverse Universe

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



42, 57.325, 287.309



47, 86.344, 293.367



32, 88.012, 305.009



37, 4.015, 271.439



27, 66.328, 295.487



3, 13.337, 278.260

Previews

White Background



This preview shows how the CIELCh color 62, 56.025, 79.600 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, 56.025, 79.600 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, 56.025, 79.600

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.025, 79.600.



This preview shows how white text looks on a background with the CIELCh color 62, 56.025, 79.600.

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, 56.025, 79.600

Protanopia

62, 53.357, 95.280

Deuteranopia

62, 55.697, 82.067



Tritanopia
62, 26.825, 10.521

Trichromacy



Original Color
62, 56.025, 79.600

Protanomaly
62, 53.753, 89.743

Deuteranomaly
62, 55.740, 81.042

Tritanomaly
62, 31.225, 51.036

Monochromacy



Original Color
62, 56.025, 79.600

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 21.126, 86.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.025, 79.600 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(191, 141, 46)` looks like.

```
.text, #text, p{  
    color:rgb(191, 141, 46)  
}
```

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(191, 141, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 141, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.025, 79.600 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(191, 141, 46) }
```

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

```
.border{ border-color:rgb(191, 141, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 141, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 141, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 141, 46);  
box-shadow:4px 4px 4px 4px rgb(191, 141,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.025, 79.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 141, 46) }
```

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

```
.background{ background-color: rgb(191,  
141, 46) }
```

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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