

Converting Colors

CIELCh(62, 54.907, 77.304)

Have a look what the booklet for
CIELCh(62, 54.907, 77.304) contains.

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Color

CIELCh(62, 55.049, 77.236)

Conversions

Conversions Part 1

Format	Color
Hex	C28C32
RGB	194, 140, 50
RGB Percent	76%, 55%, 20%
CMY	0.2397, 0.4514, 0.8044
CMYK	0.00, 0.28, 0.74, 0.24
HSL	38°, 59%, 48%
HSV	38°, 74%, 76%
XYZ	32.1475, 30.4025, 7.1781
YIQ	145.8860, 61.0740, -16.5420

Conversions

Conversions Part 2

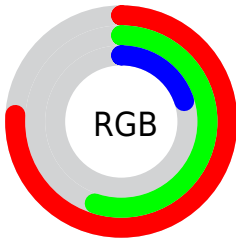
Format	Color
RYB	136, 194, 50
Decimal	12749874
CIELab	62.00, 12.16, 53.69
CIElCh	62, 55.049, 77.236
Yxy	30.4025, 0.4610, 0.4360
Android (android.graphics.Color)	4290939954 (0xFFC28C32)
YUV	145.8860, -47.2718, 42.1960
Hunter-Lab	55.1385, 7.5789, 30.8784

Details

The CIELCh color **62, 55.049, 77.236** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **45, 54.051, 284.571**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 54.877, 77.036**, and **42, 51.741, 75.968** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.136, 75.375**, and if you desaturate by 10%, it is **64, 47.920, 78.865**.

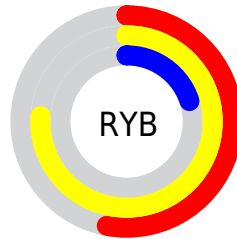
Distribution



Red (76%)

Green (55%)

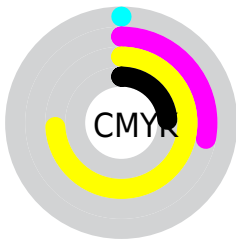
Blue (20%)



Red (53%)

Yellow (76%)

Blue (20%)

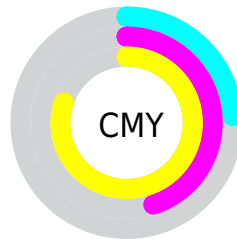


Cyan (0%)

Magenta (28%)

Yellow (74%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 55.049, 77.236 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, 55.049, 77.236 by changing the saturation by 10% instead.

62, 55.049, 77.236

62, 55.049, 77.236

100, 55.049,
77.236

52, 55.049, 77.236

82, 55.049, 77.236

42, 55.049, 77.236

92, 55.049, 77.236

32, 55.049, 77.236

22, 55.049, 77.236

12, 55.049, 77.236

2, 55.049, 77.236

0, 55.049, 77.236

62, 55.049, 77.236

62, 55.049, 77.236

60, 61.136, 75.375

64, 47.920, 78.865

■ 58, 65.387, 73.071

■ 66, 40.331, 80.366

■ 57, 67.188, 71.615

■ 68, 32.620, 81.799

■ 70, 24.966, 83.185

■ 73, 17.456, 84.531

■ 75, 10.125, 85.833

■ 77, 2.983, 87.041

■ 80, 3.973, 268.422

■ 82, 10.755,
269.556

Harmonies

Complementary

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



62, 55.049, 77.236



45, 54.051, 284.571

Rectangle

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



62, 55.049, 77.236



62, 55.049, 127.236



62, 55.049, 257.236



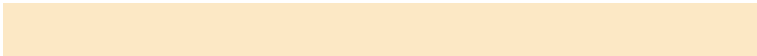
62, 55.049, 307.236

Sweetspot

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



62, 55.048, 77.239



93, 19.558, 84.785



45, 60.083, 2.550



49, 13.297, 84.419



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, 55.048, 77.239



75, 78.083, 74.026



75, 69.697, 109.701



40, 3.994, 86.447



48, 58.432, 72.099



8, 12.094, 73.426

Inverse Universe

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



45, 54.051, 284.571



51, 81.499, 290.654



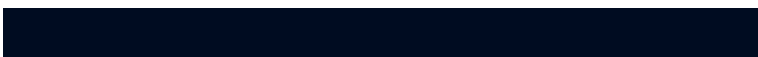
33, 87.445, 304.269



38, 3.975, 268.932



29, 63.918, 293.679



3, 14.536, 277.820

Previews

White Background



This preview shows how the CIELCh color 62, 55.049, 77.236 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, 55.049, 77.236 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, 55.049, 77.236

Background



This preview shows how black text looks on a background with the CIELCh color 62, 55.049, 77.236.



This preview shows how white text looks on a background with the CIELCh color 62, 55.049, 77.236.

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, 55.049, 77.236

Protanopia

62, 51.709, 95.201

Deuteranopia

62, 54.534, 81.752



Tritanopia
62, 28.476, 11.441

Trichromacy



Original Color
62, 55.049, 77.236

Protanomaly
62, 52.008, 88.413

Deuteranomaly
62, 54.794, 80.274

Tritanomaly
62, 32.190, 48.078

Monochromacy



Original Color
62, 55.049, 77.236

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 20.261, 84.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 55.049, 77.236 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(194, 140, 50)` looks like.

```
.text, #text, p{  
    color:rgb(194, 140, 50)  
}
```

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(194, 140, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 140, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 55.049, 77.236 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(194, 140, 50) }
```

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

```
.border{ border-color:rgb(194, 140, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 140, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 140, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 140, 50);  
box-shadow:4px 4px 4px 4px rgb(194, 140,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 55.049, 77.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 140, 50) }
```

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

```
.background{ background-color: rgb(194,  
140, 50) }
```

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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