

Converting Colors

CIELCh(62, 58.078, 79.731)

Have a look what the booklet for
CIELCh(62, 58.078, 79.731) contains.

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Color

CIELCh(62, 58.078, 79.731)

Conversions

Conversions Part 1

Format	Color
Hex	C08D29
RGB	192, 141, 41
RGB Percent	75%, 55%, 16%
CMY	0.2472, 0.4472, 0.8393
CMYK	0.00, 0.27, 0.79, 0.25
HSL	40°, 65%, 46%
HSV	40°, 79%, 75%
XYZ	31.6494, 30.4025, 6.2951
YIQ	144.8490, 62.4960, -20.2880

Conversions

Conversions Part 2

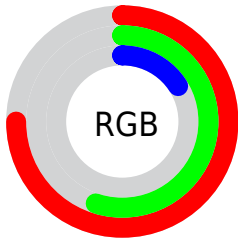
Format	Color
R _Y B	118, 192, 41
Decimal	12619049
CIE Lab	62.00, 10.35, 57.15
CIE LCh	62, 58.078, 79.731
Yxy	30.4025, 0.4631, 0.4448
Android (android.graphics.Color)	4290809129 (0xFFC08D29)
YUV	144.8490, -51.1976, 41.3514
Hunter-Lab	55.1385, 5.9663, 31.8279

Details

The CIELCh color **62, 58.078, 79.731** 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 **41, 60.523, 288.812**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 58.054, 79.638**, and **42, 51.273, 77.603** is the 20% darker color. If you saturate the color by 10%, you get **60, 63.140, 77.793**, and if you desaturate by 10%, it is **64, 51.550, 81.402**.

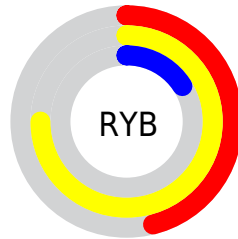
Distribution



Red (75%)

Green (55%)

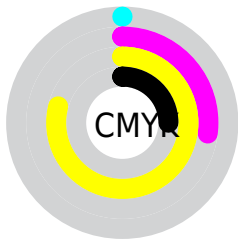
Blue (16%)



Red (46%)

Yellow (75%)

Blue (16%)

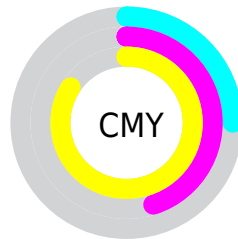


Cyan (0%)

Magenta (27%)

Yellow (79%)

Black (25%)



Cyan (25%)

Magenta (45%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 58.078, 79.731 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, 58.078, 79.731 by changing the saturation by 10% instead.

■ 62, 58.078, 79.731

■ 62, 58.078, 79.731

■ 100, 58.078,
79.731

■ 52, 58.078, 79.731

■ 82, 58.078, 79.731

■ 42, 58.078, 79.731

■ 92, 58.078, 79.731

■ 32, 58.078, 79.731

■ 22, 58.078, 79.731

■ 12, 58.078, 79.731

■ 2, 58.078, 79.731

■ 0, 58.078, 79.731

■ 62, 58.078, 79.731

■ 62, 58.078, 79.731

■ 60, 63.140, 77.793

■ 64, 51.550, 81.402

59, 66.251, 75.457

66, 44.241, 82.925

58, 66.646, 75.147

68, 36.597, 84.368

70, 28.874, 85.760

72, 21.206, 87.111

74, 13.661, 88.419

76, 6.266, 89.672

78, 0.972, 271.181

80, 8.054, 272.147

Harmonies

Complementary

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



62, 58.078, 79.731



41, 60.523, 288.812

Rectangle

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



62, 58.078, 79.731



62, 58.078, 129.731



62, 58.078, 259.731



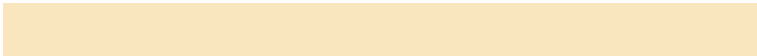
62, 58.078, 309.731

Sweetspot

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



62, 58.077, 79.734



92, 21.906, 87.675



44, 61.714, 6.762



48, 15.102, 87.201



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, 58.077, 79.734



76, 79.706, 76.207



74, 72.049, 111.313



40, 4.139, 89.585



49, 58.421, 75.566



8, 12.462, 78.150

Inverse Universe

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



41, 60.523, 288.812



46, 91.272, 294.937



31, 91.333, 305.361



38, 4.136, 272.026



27, 67.996, 295.957



3, 15.023, 279.672

Previews

White Background



This preview shows how the CIELCh color 62, 58.078, 79.731 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 CIE LCh color 62, 58.078, 79.731 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, 58.078, 79.731

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.078, 79.731.



This preview shows how white text looks on a background with the CIELCh color 62, 58.078, 79.731.

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, 58.078, 79.731

Protanopia

62, 55.684, 95.368

Deuteranopia

62, 57.935, 81.628



Tritanopia
62, 27.228, 10.752

Trichromacy



Original Color
62, 58.078, 79.731

Protanomaly
62, 56.179, 89.580

Deuteranomaly
62, 58.141, 81.215

Tritanomaly
62, 32.321, 52.144

Monochromacy



Original Color
62, 58.078, 79.731

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 22.173, 87.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.078, 79.731 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(192, 141, 41)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 41)  
}
```

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(192, 141, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.078, 79.731 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(192, 141, 41) }
```

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

```
.border{ border-color:rgb(192, 141, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 41);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.078, 79.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 41) }
```

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

```
.background{ background-color: rgb(192,  
141, 41) }
```

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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