

Converting Colors

CIELCh(58, 31.091, 87.192)

Have a look what the booklet for
CIELCh(58, 31.091, 87.192) contains.

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Color

CIELCh(58, 31.052, 87.229)

Conversions

Conversions Part 1

Format	Color
Hex	A08955
RGB	160, 137, 85
RGB Percent	63%, 54%, 33%
CMY	0.3732, 0.4633, 0.6672
CMYK	0.00, 0.14, 0.47, 0.37
HSL	42°, 31%, 48%
HSV	42°, 47%, 63%
XYZ	25.0252, 25.9610, 12.2576
YIQ	137.9490, 30.4000, -11.2960

Conversions

Conversions Part 2

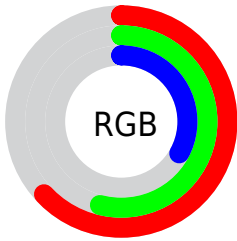
Format	Color
RYB	118, 160, 85
Decimal	10520917
CIELab	58.00, 1.50, 31.02
CIElCh	58, 31.052, 87.229
Yxy	25.9610, 0.3957, 0.4105
Android (android.graphics.Color)	4288710997 (0xFFA08955)
YUV	137.9490, -26.1039, 19.3387
Hunter-Lab	50.9519, -1.4951, 21.4029

Details

The CIELCh color **58, 31.052, 87.229** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46, 31.370, 281.215**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 30.723, 86.982**, and **38, 31.028, 86.459** is the 20% darker color. If you saturate the color by 10%, you get **56, 37.713, 85.850**, and if you desaturate by 10%, it is **60, 24.311, 88.574**.

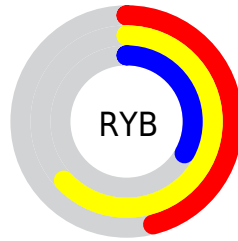
Distribution



Red (63%)

Green (54%)

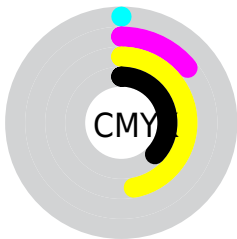
Blue (33%)



Red (46%)

Yellow (63%)

Blue (33%)

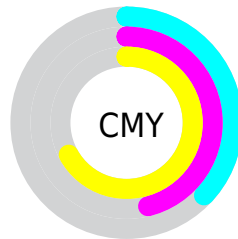


Cyan (0%)

Magenta (14%)

Yellow (47%)

Black (37%)



Cyan (37%)

Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 31.052, 87.229 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 58, 31.052, 87.229 by changing the saturation by 10% instead.

■ 58, 31.052, 87.229

■ 58, 31.052, 87.229

■ 100, 31.052,
87.229

■ 48, 31.052, 87.229

■ 78, 31.052, 87.229

■ 38, 31.052, 87.229

■ 88, 31.052, 87.229

■ 28, 31.052, 87.229

■ 98, 31.052, 87.229

■ 18, 31.052, 87.229

■ 8, 31.052, 87.229

■ 0, 31.052, 87.229

■ 58, 31.052, 87.229

■ 58, 31.052, 87.229

■ 56, 37.713, 85.850

■ 60, 24.311, 88.574

■ 55, 44.097, 84.408

■ 61, 17.596, 89.877

■ 54, 49.864, 82.862

■ 63, 10.962, 91.139

■ 52, 54.491, 81.126

■ 65, 4.435, 92.341

■ 51, 57.509, 79.096

■ 66, 1.977, 273.663

■ 50, 58.392, 78.479

■ 68, 8.274, 274.727

■ 70, 14.459,
275.804

■ 72, 20.540,
276.837

■ 74, 26.523,
277.820

Harmonies

Complementary

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



58, 31.052, 87.229



46, 31.370, 281.215

Rectangle

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



58, 31.052, 87.229



58, 31.052, 137.229



58, 31.052, 267.229



58, 31.052, 317.229

Sweetspot

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



58, 31.053, 87.233



80, 11.156, 91.465



46, 33.743, 0.675



42, 7.778, 91.213



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 31.053, 87.233



72, 45.725, 85.832



63, 40.839, 114.167



33, 3.606, 92.070



45, 53.791, 78.751



3, 4.526, 90.436

Inverse Universe

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



46, 31.370, 281.215



54, 46.665, 283.805



41, 45.767, 301.771



31, 3.616, 274.398



23, 64.795, 297.293



1, 4.777, 274.382

Previews

White Background



This preview shows how the CIELCh color 58, 31.052, 87.229 looks on a white background.

Color Contrast Check

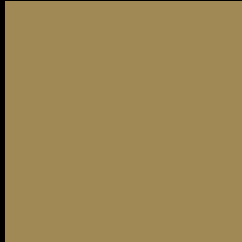
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 31.052, 87.229 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 31.052, 87.229

Background



This preview shows how black text looks on a background with the CIELCh color 58, 31.052, 87.229.



This preview shows how white text looks on a background with the CIELCh color 58, 31.052, 87.229.

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

58, 31.052, 87.229

Protanopia

58, 30.616, 96.544

Deuteranopia

58, 31.455, 75.811



Tritanopia
58, 15.073, 359.090

Trichromacy



Original Color
58, 31.052, 87.229

Protanomaly
58, 30.521, 93.102

Deuteranomaly
58, 30.928, 79.074

Tritanomaly
58, 14.816, 47.642

Monochromacy



Original Color
58, 31.052, 87.229

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.259, 91.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 31.052, 87.229 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(160, 137, 85)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 85)  
}
```

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(160, 137, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 31.052, 87.229 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(160, 137, 85) }
```

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

```
.border{ border-color:rgb(160, 137, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 137, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 137, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 137, 85);  
box-shadow:4px 4px 4px 4px rgb(160, 137,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 31.052, 87.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 85) }
```

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

```
.background{ background-color: rgb(160,  
137, 85) }
```

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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