

Converting Colors

CIELCh(58, 30.227, 75.663)

Have a look what the booklet for
CIELCh(58, 30.227, 75.663) contains.

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Color

CIELCh(58, 30.227, 75.663)

Conversions

Conversions Part 1

Format	Color
Hex	A88558
RGB	168, 133, 88
RGB Percent	66%, 52%, 35%
CMY	0.3396, 0.4769, 0.6535
CMYK	0.00, 0.21, 0.48, 0.34
HSL	34°, 32%, 50%
HSV	34°, 48%, 66%
XYZ	26.4533, 25.9610, 12.9282
YIQ	138.3350, 35.3050, -6.5750

Conversions

Conversions Part 2

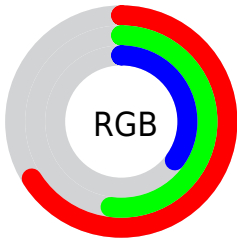
Format	Color
RYB	150, 168, 88
Decimal	11044184
CIELab	58.00, 7.48, 29.29
CIELCh	58, 30.227, 75.663
Yxy	25.9610, 0.4048, 0.3973
Android (android.graphics.Color)	4289234264 (0xFFA88558)
YUV	138.3350, -24.8152, 26.0162
Hunter-Lab	50.9519, 3.5081, 20.6225

Details

The CIELCh color **58, 30.227, 75.663** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **51, 27.852, 270.539**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 30.069, 75.290**, and **38, 30.437, 76.110** is the 20% darker color. If you saturate the color by 10%, you get **56, 37.101, 74.270**, and if you desaturate by 10%, it is **60, 23.476, 77.024**.

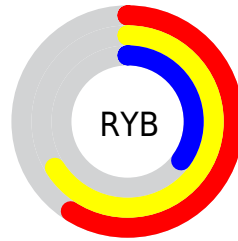
Distribution



Red (66%)

Green (52%)

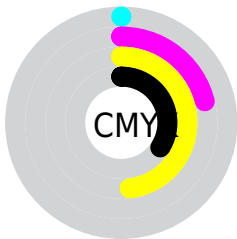
Blue (35%)



Red (59%)

Yellow (66%)

Blue (35%)

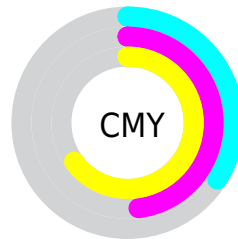


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 30.227, 75.663 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, 30.227, 75.663 by changing the saturation by 10% instead.

■ 58, 30.227, 75.663

■ 58, 30.227, 75.663

■ 100, 30.227,
75.663

■ 48, 30.227, 75.663

■ 78, 30.227, 75.663

■ 38, 30.227, 75.663

■ 88, 30.227, 75.663

■ 28, 30.227, 75.663

■ 98, 30.227, 75.663

■ 18, 30.227, 75.663

■ 8, 30.227, 75.663

■ 0, 30.227, 75.663

■ 58, 30.227, 75.663

■ 58, 30.227, 75.663

■ 56, 37.101, 74.270

■ 60, 23.476, 77.024

■ 54, 43.939, 72.798

■ 63, 16.918, 78.348

■ 52, 50.425, 71.171

■ 65, 10.580, 79.639

■ 50, 56.003, 69.229

■ 67, 4.462, 80.871

■ 48, 60.104, 66.798

■ 70, 1.447, 262.359

■ 48, 61.120, 66.238

■ 72, 7.162, 263.394

■ 75, 12.702,
264.522

■ 77, 18.084,
265.613

■ 80, 23.325,
266.658

Harmonies

Complementary

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



58, 30.227, 75.663



51, 27.852, 270.539

Rectangle

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



58, 30.227, 75.663



58, 30.227, 125.663



58, 30.227, 255.663



58, 30.227, 305.663

Sweetspot

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



58, 30.227, 75.668



83, 10.411, 80.052



48, 37.553, 351.678



43, 7.204, 79.791



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 30.227, 75.668



71, 45.594, 74.198



67, 42.669, 108.053



34, 3.362, 80.663



42, 55.495, 66.651



4, 5.708, 73.945

Inverse Universe

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



51, 27.852, 270.539



61, 41.374, 273.506



41, 48.396, 298.157



34, 3.321, 263.132



29, 53.347, 288.820



2, 6.422, 267.513

Previews

White Background



This preview shows how the CIELCh color 58, 30.227, 75.663 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 CIE LCh color 58, 30.227, 75.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

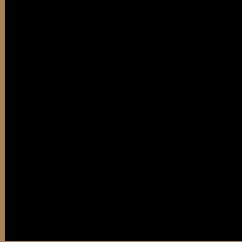
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 30.227, 75.663

Background



This preview shows how black text looks on a background with the CIELCh color 58, 30.227, 75.663.



This preview shows how white text looks on a background with the CIELCh color 58, 30.227, 75.663.

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, 30.227, 75.663

Protanopia

58, 27.948, 95.990

Deuteranopia

58, 30.227, 75.663



Tritanopia
58, 19.389, 4.759

Trichromacy



Original Color
58, 30.227, 75.663

Protanomaly
58, 28.457, 88.733

Deuteranomaly
58, 30.227, 75.663

Tritanomaly
58, 18.820, 38.451

Monochromacy



Original Color
58, 30.227, 75.663

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 10.563, 78.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 30.227, 75.663 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(168, 133, 88)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 88)  
}
```

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(168, 133, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 30.227, 75.663 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(168, 133, 88) }
```

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

```
.border{ border-color:rgb(168, 133, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 133, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 88);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 30.227, 75.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 88) }
```

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

```
.background{ background-color: rgb(168,  
133, 88) }
```

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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