

Converting Colors

CIELCh(30, 34.243, 55.829)

Have a look what the booklet for
CIELCh(30, 34.243, 55.829) contains.

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Color

CIELCh(30, 34.219, 55.710)

Conversions

Conversions Part 1

Format	Color
Hex	6C3A1B
RGB	108, 58, 27
RGB Percent	42%, 23%, 11%
CMY	0.5780, 0.7738, 0.8953
CMYK	0.00, 0.46, 0.75, 0.58
HSL	23°, 60%, 26%
HSV	23°, 75%, 42%
XYZ	7.8294, 6.2359, 1.8095
YIQ	69.4160, 39.7510, 0.9590

Conversions

Conversions Part 2

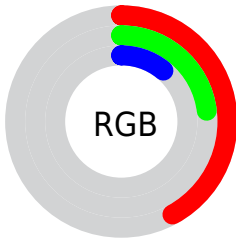
Format	Color
RYB	108, 77, 27
Decimal	7092763
CIELab	30.00, 19.28, 28.27
CIELCh	30, 34.219, 55.710
Yxy	6.2359, 0.4932, 0.3928
Android (android.graphics.Color)	4285282843 (0xFF6C3A1B)
YUV	69.4160, -20.9111, 33.8382
Hunter-Lab	24.9718, 12.2647, 13.1839

Details

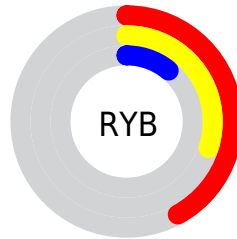
The CIELCh color **30, 34.219, 55.710** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **31, 23.336, 256.943**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 34.161, 56.026**, and **10, 25.444, 38.330** is the 20% darker color. If you saturate the color by 10%, you get **28, 39.410, 54.865**, and if you desaturate by 10%, it is **32, 28.937, 56.435**.

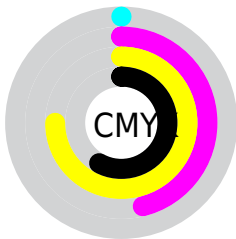
Distribution



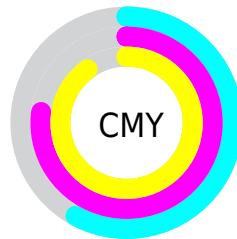
- Red (42%)
- Green (23%)
- Blue (11%)



- Red (42%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (46%)
- Yellow (75%)
- Black (58%)



- Cyan (58%)
- Magenta (77%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 34.219, 55.710 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 30, 34.219, 55.710 by changing the saturation by 10% instead.

■ 30, 34.219, 55.710

■ 30, 34.219, 55.710

■ 100, 34.219,
55.710

■ 20, 34.219, 55.710

■ 50, 34.219, 55.710

■ 10, 34.219, 55.710

■ 60, 34.219, 55.710

■ 0, 34.219, 55.710

■ 70, 34.219, 55.710

■ 80, 34.219, 55.710

■ 90, 34.219, 55.710

■ 30, 34.219, 55.710

■ 30, 34.219, 55.710

■ 28, 39.410, 54.865

■ 32, 28.937, 56.435

27, 44.085, 53.678

34, 23.791, 57.148

26, 46.217, 53.175

36, 18.880, 57.898

38, 14.239, 58.695

40, 9.873, 59.532

42, 5.771, 60.392

44, 1.912, 61.193

47, 1.726, 242.426

49, 5.166, 243.228

Harmonies

Complementary

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



30, 34.219, 55.710



31, 23.336, 256.943

Rectangle

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



30, 34.219, 55.710



30, 34.219, 105.710



30, 34.219, 235.710



30, 34.219, 285.710

Sweetspot

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



30, 34.218, 55.713



52, 11.146, 59.666



25, 42.134, 344.210



26, 7.845, 59.425



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



30, 34.218, 55.713



36, 51.875, 54.027



41, 39.687, 96.305



21, 2.085, 60.917



29, 49.779, 53.211



59, 88.116, 51.357

Inverse Universe

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



31, 23.336, 256.943



37, 33.055, 264.063



19, 47.536, 297.403



21, 2.013, 242.793



29, 31.153, 267.679



61, 55.950, 270.891

Previews

White Background



This preview shows how the CIE LCh color 30, 34.219, 55.710 looks on a white 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

Black Background



This preview shows how the CIELCh color 30, 34.219, 55.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

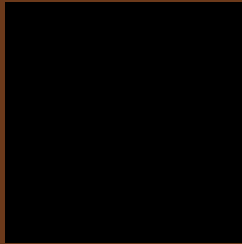
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 34.219, 55.710

Background



This preview shows how black text looks on a background with the CIELCh color 30, 34.219, 55.710.



This preview shows how white text looks on a background with the CIELCh color 30, 34.219, 55.710.

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

30, 34.219, 55.710

Protanopia

30, 25.072, 95.987

Deuteranopia

30, 29.442, 82.784



Tritanopia
30, 26.264, 19.342

Trichromacy



Original Color
30, 34.219, 55.710

Protanomaly
30, 26.451, 78.398

Deuteranomaly
30, 30.295, 71.219

Tritanomaly
30, 27.447, 34.570

Monochromacy



Original Color
30, 34.219, 55.710

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 11.354, 58.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 34.219, 55.710 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(108, 58, 27)` looks like.

```
.text, #text, p{  
    color:rgb(108, 58, 27)  
}
```

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(108, 58, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 58, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 34.219, 55.710 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(108, 58, 27) }
```

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

```
.border{ border-color:rgb(108, 58, 27) }
```

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

Here you see how a box with a 4 pixel rgb(108, 58, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 58, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 58, 27);  
box-shadow:4px 4px 4px 4px rgb(108, 58,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 34.219, 55.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 58, 27) }
```

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

```
.background{ background-color: rgb(108, 58,  
27) }
```

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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