

Converting Colors

CIELCh(34, 48.630, 54.798)

Have a look what the booklet for
CIELCh(34, 48.630, 54.798) contains.

CIELCh(34, 48.661, 54.325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	25

Color

CIELCh(34, 48.661, 54.325)

Conversions

Conversions Part 1	
Format	Color
Hex	833B0E
RGB	131, 59, 14
RGB Percent	51%, 23%, 5%
CMY	0.4857, 0.7682, 0.9446
CMYK	0.00, 0.55, 0.89, 0.49
HSL	23°, 81%, 28%
HSV	23°, 89%, 51%
XYZ	11.0317, 8.0082, 1.3842
YIQ	75.3980, 57.3570, 1.2690

Conversions

Conversions Part 2

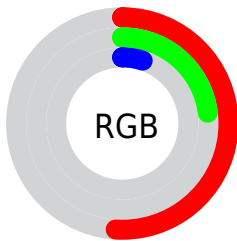
Format	Color
RYB	131, 87, 14
Decimal	8600334
CIELab	34.00, 28.38, 39.53
CIELCh	34, 48.661, 54.325
Yxy	8.0082, 0.5401, 0.3921
Android (android.graphics.Color)	4286790414 (0xFF833B0E)
YUV	75.3980, -30.2692, 48.7630
Hunter-Lab	28.2988, 20.0614, 16.9091

Details

The CIELCh color **34, 48.661, 54.325** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35, 31.213, 263.684**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 48.612, 54.595**, and **14, 35.967, 37.422** is the 20% darker color. If you saturate the color by 10%, you get **32, 54.060, 53.232**, and if you desaturate by 10%, it is **36, 42.845, 55.392**.

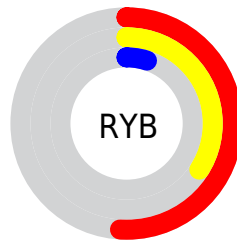
Distribution



Red (51%)

Green (23%)

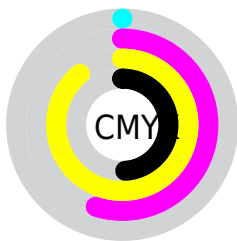
Blue (5%)



Red (51%)

Yellow (34%)

Blue (5%)

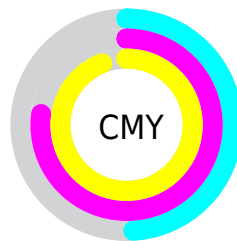


Cyan (0%)

Magenta (55%)

Yellow (89%)

Black (49%)



Cyan (49%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 48.661, 54.325 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 34, 48.661, 54.325 by changing the saturation by 10% instead.

 34, 48.661, 54.325

 34, 48.661, 54.325

 100, 48.661,
54.325

 24, 48.661, 54.325

 54, 48.661, 54.325

 14, 48.661, 54.325

 64, 48.661, 54.325

 4, 48.661, 54.325

 74, 48.661, 54.325

 0, 48.661, 54.325

 84, 48.661, 54.325

 94, 48.661, 54.325

 34, 48.661, 54.325

 34, 48.661, 54.325

 32, 54.060, 53.232

 36, 42.845, 55.392

32, 54.501, 53.190

38, 36.655, 56.191

40, 30.502, 56.926

42, 24.578, 57.678

45, 18.961, 58.476

47, 13.675, 59.320

50, 8.712, 60.197

52, 4.051, 61.072

55, 0.333, 243.089

Harmonies

Complementary

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



34, 48.661, 54.325



35, 31.213, 263.684

Rectangle

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



34, 48.661, 54.325



34, 48.661, 104.325



34, 48.661, 234.325



34, 48.661, 284.325

Sweetspot

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



34, 48.659, 54.328



61, 15.599, 59.459



29, 52.607, 348.116



31, 10.693, 59.211



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



34, 48.659, 54.328



42, 66.731, 52.359



49, 52.172, 95.913



27, 2.498, 61.080



32, 54.141, 53.207



0, 0.584, 62.008

Inverse Universe

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



35, 31.213, 263.684



43, 42.128, 269.831



18, 68.398, 301.967



27, 2.408, 243.031



33, 33.910, 268.511



0, 0.584, 242.025

Previews

White Background



This preview shows how the CIELCh color 34, 48.661, 54.325 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 34, 48.661, 54.325 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 34, 48.661, 54.325

Background



This preview shows how black text looks on a background with the CIELCh color 34, 48.661, 54.325.



This preview shows how white text looks on a background with the CIELCh color 34, 48.661, 54.325.

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

34, 48.661, 54.325

Protanopia

34, 35.528, 95.698

Tritanopia

34, 36.800, 22.989

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 34, 48.661, 54.325 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(131, 59, 14)` looks like.

```
.text, #text, p{  
    color:rgb(131, 59, 14)  
}
```

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(131, 59, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 59, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 48.661, 54.325 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(131, 59, 14) }
```

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

```
.border{ border-color:rgb(131, 59, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 59, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 59, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 59, 14);  
box-shadow:4px 4px 4px 4px rgb(131, 59,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 48.661, 54.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 59, 14) }
```

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

```
.background{ background-color: rgb(131, 59,  
14) }
```

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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