

Converting Colors

CIELCh(34, 43.285, 55.159)

Have a look what the booklet for
CIELCh(34, 43.285, 55.159) contains.

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Color

CIELCh(34, 43.377, 55.123)

Conversions

Conversions Part 1

Format	Color
Hex	7E3E16
RGB	126, 62, 22
RGB Percent	49%, 24%, 9%
CMY	0.5043, 0.7555, 0.9124
CMYK	0.00, 0.51, 0.82, 0.50
HSL	23°, 70%, 29%
HSV	23°, 82%, 50%
XYZ	10.5537, 8.0082, 1.7655
YIQ	76.5760, 50.9840, 1.1280

Conversions

Conversions Part 2

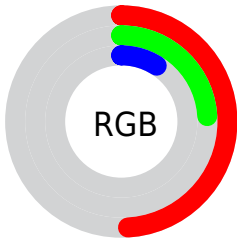
Format	Color
RYB	126, 87, 22
Decimal	8273430
CIELab	34.00, 24.80, 35.59
CIElCh	34, 43.377, 55.123
Yxy	8.0082, 0.5192, 0.3940
Android (android.graphics.Color)	4286463510 (0xFF7E3E16)
YUV	76.5760, -26.9060, 43.3448
Hunter-Lab	28.2988, 17.0463, 16.1102

Details

The CIELCh color **34, 43.377, 55.123** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35, 28.510, 260.506**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 43.244, 55.540**, and **14, 33.088, 40.114** is the 20% darker color. If you saturate the color by 10%, you get **32, 48.804, 53.933**, and if you desaturate by 10%, it is **36, 37.419, 55.969**.

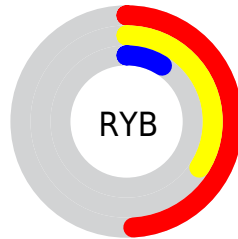
Distribution



Red (49%)

Green (24%)

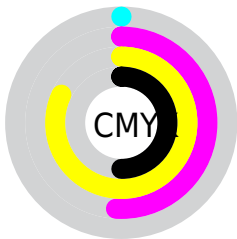
Blue (9%)



Red (49%)

Yellow (34%)

Blue (9%)

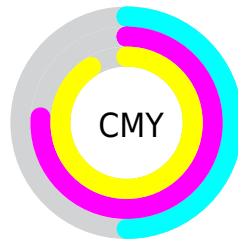


Cyan (0%)

Magenta (51%)

Yellow (82%)

Black (50%)



Cyan (50%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 43.377, 55.123 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, 43.377, 55.123 by changing the saturation by 10% instead.

■ 34, 43.377, 55.123

■ 34, 43.377, 55.123

■ 100, 43.377,
55.123

■ 24, 43.377, 55.123

■ 54, 43.377, 55.123

■ 14, 43.377, 55.123

■ 64, 43.377, 55.123

■ 4, 43.377, 55.123

■ 74, 43.377, 55.123

■ 0, 43.377, 55.123

■ 84, 43.377, 55.123

■ 94, 43.377, 55.123

■ 34, 43.377, 55.123

■ 34, 43.377, 55.123

■ 32, 48.804, 53.933

■ 36, 37.419, 55.969

31, 52.920, 53.252

38, 31.412, 56.707

40, 25.587, 57.446

43, 20.046, 58.227

45, 14.821, 59.055

47, 9.913, 59.921

50, 5.304, 60.801

52, 0.970, 61.454

55, 3.116, 242.828

Harmonies

Complementary

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



34, 43.377, 55.123



35, 28.510, 260.506

Rectangle

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



34, 43.377, 55.123



34, 43.377, 105.123



34, 43.377, 235.123



34, 43.377, 285.123

Sweetspot

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



34, 43.376, 55.126



59, 13.818, 59.637



29, 49.649, 346.663



29, 9.467, 59.388



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



34, 43.376, 55.126



40, 63.817, 52.584



48, 48.555, 96.563



26, 2.417, 61.076



31, 53.289, 53.238



0, 0.000, 0.000

Inverse Universe

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



35, 28.510, 260.506



41, 40.278, 269.164



19, 61.158, 300.216



26, 2.331, 243.015



32, 33.376, 268.389



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 34, 43.377, 55.123 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, 43.377, 55.123 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, 43.377, 55.123

Background



This preview shows how black text looks on a background with the CIELCh color 34, 43.377, 55.123.



This preview shows how white text looks on a background with the CIELCh color 34, 43.377, 55.123.

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, 43.377, 55.123

Protanopia

34, 32.232, 96.391

Deuteranopia

34, 37.692, 83.577



Tritanopia
34, 32.943, 21.576

Trichromacy



Original Color
34, 43.377, 55.123

Protanomaly
34, 33.588, 77.984

Deuteranomaly
34, 38.689, 72.268

Tritanomaly
34, 34.846, 36.871

Monochromacy



Original Color
34, 43.377, 55.123

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 14.804, 59.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 43.377, 55.123 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(126, 62, 22)` looks like.

```
.text, #text, p{  
    color:rgb(126, 62, 22)  
}
```

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(126, 62, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 62, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 43.377, 55.123 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(126, 62, 22) }
```

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

```
.border{ border-color:rgb(126, 62, 22) }
```

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

Here you see how a box with a 4 pixel rgb(126, 62, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 62, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 62, 22);  
box-shadow:4px 4px 4px 4px rgb(126, 62,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 43.377, 55.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 62, 22) }
```

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

```
.background{ background-color: rgb(126, 62,  
22) }
```

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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