

Converting Colors

CIELCh(44, 66.630, 35.778)

Have a look what the booklet for
CIELCh(44, 66.630, 35.778) contains.

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Color

CIELCh(44, 66.630, 35.778)

Conversions

Conversions Part 1

Format	Color
Hex	BF352A
RGB	191, 53, 42
RGB Percent	75%, 21%, 16%
CMY	0.2501, 0.7913, 0.8347
CMYK	0.00, 0.72, 0.78, 0.25
HSL	4°, 64%, 46%
HSV	4°, 78%, 75%
XYZ	23.2442, 13.8382, 3.6510
YIQ	93.0080, 85.7790, 25.8350

Conversions

Conversions Part 2

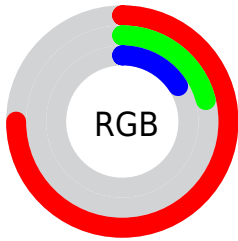
Format	Color
R _Y B	191, 54, 42
Decimal	12530986
CIE Lab	44.00, 54.06, 38.95
CIE LCh	44, 66.630, 35.778
Yxy	13.8382, 0.5706, 0.3397
Android (android.graphics.Color)	4290721066 (0xFFBF352A)
YUV	93.0080, -25.1469, 85.9390
Hunter-Lab	37.1997, 46.4361, 20.2207

Details

The CIELCh color **44, 66.630, 35.778** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **67, 35.032, 206.943**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 66.473, 35.676**, and **26, 62.099, 38.505** is the 20% darker color. If you saturate the color by 10%, you get **42, 75.335, 38.309**, and if you desaturate by 10%, it is **47, 57.089, 33.326**.

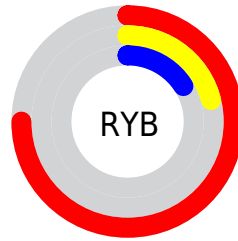
Distribution



Red (75%)

Green (21%)

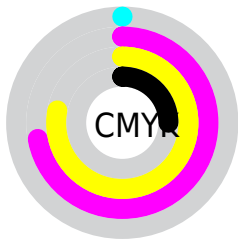
Blue (16%)



Red (75%)

Yellow (21%)

Blue (16%)

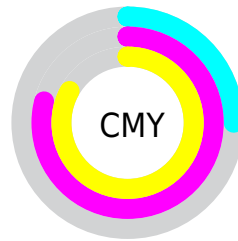


Cyan (0%)

Magenta (72%)

Yellow (78%)

Black (25%)



Cyan (25%)

Magenta (79%)

Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 66.630, 35.778 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 44, 66.630, 35.778 by changing the saturation by 10% instead.

 44, 66.630, 35.778

 44, 66.630, 35.778

 100, 66.630,
35.778

 34, 66.630, 35.778

 64, 66.630, 35.778

 24, 66.630, 35.778

 74, 66.630, 35.778

 14, 66.630, 35.778

 84, 66.630, 35.778

 4, 66.630, 35.778

 94, 66.630, 35.778

 0, 66.630, 35.778

 44, 66.630, 35.778

 44, 66.630, 35.778

 42, 75.335, 38.309

 47, 57.089, 33.326

 40, 81.937, 40.268

 50, 47.421, 31.262

40, 83.175, 40.776

54, 37.979, 29.636

59, 28.973, 28.399

64, 20.516, 27.475

68, 12.653, 26.789

73, 5.382, 26.250

78, 1.330, 206.415

84, 7.528, 205.849

Harmonies

Complementary

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



44, 66.630, 35.778



67, 35.032, 206.943

Rectangle

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



44, 66.630, 35.778



44, 66.630, 85.778



44, 66.630, 215.778



44, 66.630, 265.778

Sweetspot

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



44, 66.627, 35.780



83, 20.423, 27.135



47, 81.843, 330.321



43, 14.463, 27.402



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 66.627, 35.780



53, 97.638, 39.771



58, 56.199, 71.353



37, 3.815, 26.323



33, 71.793, 40.712



3, 11.646, 23.913

Inverse Universe

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



67, 35.032, 206.943



84, 44.431, 208.651



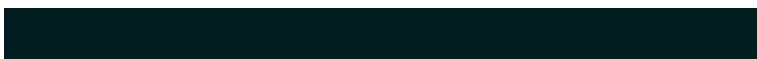
45, 51.091, 281.079



39, 3.593, 205.897



55, 31.972, 208.979



9, 10.564, 206.879

Previews

White Background



This preview shows how the CIELCh color 44, 66.630, 35.778 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 × Fail

Black Background



This preview shows how the CIELCh color 44, 66.630, 35.778 looks on a black 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

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

CIELCh 44, 66.630, 35.778

Background



This preview shows how black text looks on a background with the CIELCh color 44, 66.630, 35.778.



This preview shows how white text looks on a background with the CIELCh color 44, 66.630, 35.778.

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

44, 66.630, 35.778

Protanopia

44, 28.440, 96.467

Deuteranopia

44, 42.381, 82.272



Tritanopia
44, 64.013, 30.382

Trichromacy



Original Color
44, 66.630, 35.778

Protanomaly
42, 35.763, 55.544

Deuteranomaly
43, 47.329, 57.061

Tritanomaly
44, 65.044, 32.189

Monochromacy



Original Color
44, 66.630, 35.778

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 23.402, 28.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 66.630, 35.778 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(191, 53, 42)` looks like.

```
.text, #text, p{  
    color:rgb(191, 53, 42)  
}
```

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(191, 53, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 53, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 66.630, 35.778 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(191, 53, 42) }
```

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

```
.border{ border-color:rgb(191, 53, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 53, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 53, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 53, 42);  
box-shadow:4px 4px 4px 4px rgb(191, 53,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 66.630, 35.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 53, 42) }
```

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

```
.background{ background-color: rgb(191, 53,  
42) }
```

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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