

Converting Colors

CIELCh(51, 40.482, 27.905)

Have a look what the booklet for
CIELCh(51, 40.482, 27.905) contains.

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Color

CIELCh(51, 40.512, 27.893)

Conversions

Conversions Part 1

Format	Color
Hex	B95F5B
RGB	185, 95, 91
RGB Percent	73%, 37%, 36%
CMY	0.2743, 0.6273, 0.6430
CMYK	0.00, 0.49, 0.51, 0.27
HSL	3°, 40%, 54%
HSV	3°, 51%, 73%
XYZ	26.0057, 19.2686, 12.2554
YIQ	121.4540, 54.9240, 17.8360

Conversions

Conversions Part 2

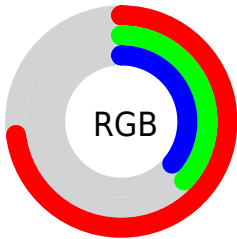
Format	Color
R_{YB}	185, 95, 91
Decimal	12148571
CIE _{Lab}	51.00, 35.81, 18.95
CIE _{LCh}	51, 40.512, 27.893
Yxy	19.2686, 0.4520, 0.3349
Android (android.graphics.Color)	4290338651 (0xFFB95F5B)
YUV	121.4540, -15.0138, 55.7298
Hunter-Lab	43.8960, 28.9321, 14.1740

Details

The CIELCh color **51, 40.512, 27.893** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 27.699, 201.866**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 40.530, 27.773**, and **31, 40.669, 28.137** is the 20% darker color. If you saturate the color by 10%, you get **47, 49.873, 29.903**, and if you desaturate by 10%, it is **55, 31.458, 26.346**.

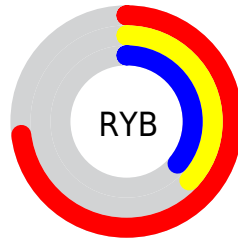
Distribution



Red (73%)

Green (37%)

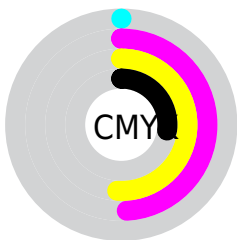
Blue (36%)



Red (73%)

Yellow (37%)

Blue (36%)

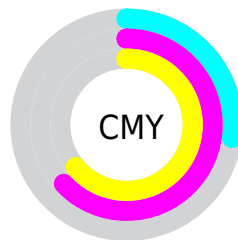


Cyan (0%)

Magenta (49%)

Yellow (51%)

Black (27%)



Cyan (27%)

Magenta (63%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 40.512, 27.893 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 51, 40.512, 27.893 by changing the saturation by 10% instead.

■ 51, 40.512, 27.893

■ 51, 40.512, 27.893

■ 100, 40.512,
27.893

■ 41, 40.512, 27.893

■ 71, 40.512, 27.893

■ 31, 40.512, 27.893

■ 81, 40.512, 27.893

■ 21, 40.512, 27.893

■ 91, 40.512, 27.893

■ 11, 40.512, 27.893

■ 1, 40.512, 27.893

■ 0, 40.512, 27.893

■ 51, 40.512, 27.893

■ 51, 40.512, 27.893

■ 47, 49.873, 29.903

■ 55, 31.458, 26.346

■ 44, 59.288, 32.413

■ 60, 22.879, 25.168

41, 68.336, 35.329

65, 14.856, 24.274

40, 76.190, 38.186

70, 7.411, 23.577

39, 81.594, 40.447

75, 0.529, 22.162

80, 5.831, 202.872

85, 11.716,
202.552

90, 17.180,
202.333

95, 22.373,
198.708

Harmonies

Complementary

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



51, 40.512, 27.893



69, 27.699, 201.866

Rectangle

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



51, 40.512, 27.893



51, 40.512, 77.893



51, 40.512, 207.893



51, 40.512, 257.893

Sweetspot

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



51, 40.510, 27.896



85, 12.929, 23.869



53, 59.514, 328.044



44, 8.890, 24.015



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 40.510, 27.896



60, 61.924, 30.177



62, 34.655, 72.381



36, 3.840, 23.483



32, 71.289, 40.214



2, 10.311, 22.084

Inverse Universe

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



69, 27.699, 201.866



86, 38.327, 201.917



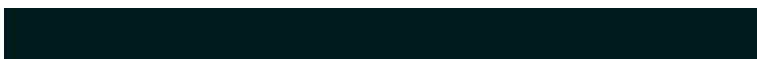
55, 30.910, 268.601



38, 3.619, 202.832



56, 32.728, 203.282



8, 9.835, 203.705

Previews

White Background



This preview shows how the CIELCh color 51, 40.512, 27.893 looks on a white background.

Color Contrast Check

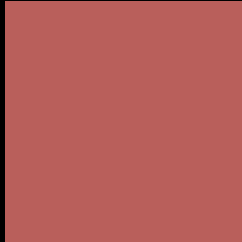
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 40.512, 27.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

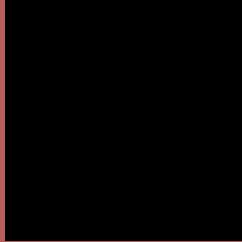
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 40.512, 27.893

Background



This preview shows how black text looks on a background with the CIELCh color 51, 40.512, 27.893.



This preview shows how white text looks on a background with the CIELCh color 51, 40.512, 27.893.

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





Tritanopia
51, 40.048, 20.192

Trichromacy



Original Color
51, 40.512, 27.893

Protanomaly
51, 18.127, 45.384

Deuteranomaly
51, 26.644, 48.382

Tritanomaly
51, 40.383, 22.590

Monochromacy



Original Color
51, 40.512, 27.893

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 14.017, 23.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 40.512, 27.893 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(185, 95, 91)` looks like.

```
.text, #text, p{  
    color:rgb(185, 95, 91)  
}
```

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(185, 95, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 95, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 40.512, 27.893 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(185, 95, 91) }
```

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

```
.border{ border-color:rgb(185, 95, 91) }
```

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

Here you see how a box with a 4 pixel rgb(185, 95, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 95, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 95, 91);  
box-shadow:4px 4px 4px 4px rgb(185, 95,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 40.512, 27.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 95, 91) }
```

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

```
.background{ background-color: rgb(185, 95,  
91) }
```

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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