

Converting Colors

CIELCh(52, 37.356, 21.022)

Have a look what the booklet for
CIELCh(52, 37.356, 21.022) contains.

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Color

CIELCh(52, 37.366, 20.965)

Conversions

Conversions Part 1

Format	Color
Hex	B96367
RGB	185, 99, 103
RGB Percent	73%, 39%, 40%
CMY	0.2754, 0.6126, 0.5969
CMYK	0.00, 0.47, 0.44, 0.28
HSL	357°, 38%, 56%
HSV	357°, 47%, 72%
XYZ	26.8308, 20.1443, 15.2533
YIQ	125.1700, 49.9720, 19.4760

Conversions

Conversions Part 2

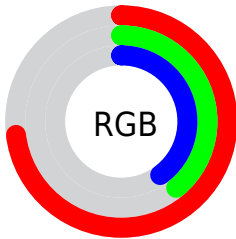
Format	Color
R_{YB}	185, 99, 103
Decimal	12149607
CIE _{Lab}	52.00, 34.89, 13.37
CIE _{LCh}	52, 37.366, 20.965
Yxy	20.1443, 0.4312, 0.3237
Android (android.graphics.Color)	4290339687 (0xFFB96367)
YUV	125.1700, -10.9298, 52.4709
Hunter-Lab	44.8824, 28.1633, 11.2680

Details

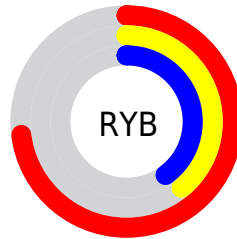
The CIELCh color **52, 37.366, 20.965** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 27.598, 192.636**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 37.640, 20.665**, and **32, 37.244, 20.995** is the 20% darker color. If you saturate the color by 10%, you get **48, 46.417, 23.190**, and if you desaturate by 10%, it is **57, 28.512, 19.237**.

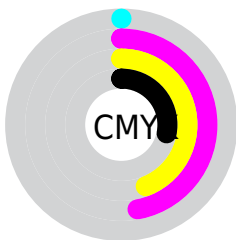
Distribution



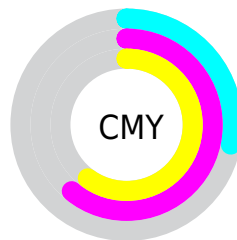
- Red (73%)
- Green (39%)
- Blue (40%)



- Red (73%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 37.366, 20.965 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 52, 37.366, 20.965 by changing the saturation by 10% instead.

■ 52, 37.366, 20.965

■ 52, 37.366, 20.965

■ 100, 37.366,
20.965

■ 42, 37.366, 20.965

■ 72, 37.366, 20.965

■ 32, 37.366, 20.965

■ 82, 37.366, 20.965

■ 22, 37.366, 20.965

■ 92, 37.366, 20.965

■ 12, 37.366, 20.965

■ 2, 37.366, 20.965

■ 0, 37.366, 20.965

■ 52, 37.366, 20.965

■ 52, 37.366, 20.965

■ 48, 46.417, 23.190

■ 57, 28.512, 19.237

■ 44, 55.412, 26.016

■ 61, 20.042, 17.883

42, 64.035, 29.492

66, 12.057, 16.806

40, 71.899, 33.452

72, 4.594, 15.891

39, 78.296, 37.227

77, 2.353, 195.537

38, 80.090, 38.155

82, 8.814, 194.816

88, 14.831,
194.325

93, 20.450,
193.921

96, 22.627,
198.023

Harmonies

Complementary

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



52, 37.366, 20.965



70, 27.598, 192.636

Rectangle

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



52, 37.366, 20.965



52, 37.366, 70.965



52, 37.366, 200.965



52, 37.366, 250.965

Sweetspot

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



52, 37.364, 20.968



86, 12.515, 16.587



54, 55.600, 325.370



44, 8.701, 16.791



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



52, 37.364, 20.968



62, 56.856, 23.289



61, 30.697, 64.563



36, 4.006, 16.144



32, 70.119, 37.704



2, 10.658, 16.572

Inverse Universe

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



52, 37.364, 20.968



62, 56.856, 23.289



59, 25.695, 257.966



36, 4.006, 16.144



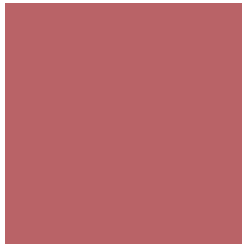
32, 70.119, 37.704



2, 10.658, 16.572

Previews

White Background



This preview shows how the CIELCh color 52, 37.366, 20.965 looks on a white background.

Color Contrast Check

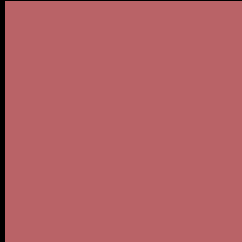
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 37.366, 20.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

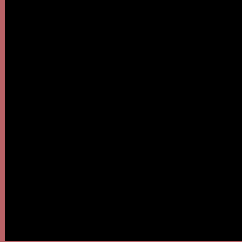
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 37.366, 20.965

Background



This preview shows how black text looks on a background with the CIELCh color 52, 37.366, 20.965.



This preview shows how white text looks on a background with the CIELCh color 52, 37.366, 20.965.

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

52, 37.366, 20.965

Protanopia

52, 5.049, 85.542

Deuteranopia

52, 16.487, 66.981



Tritanopia
52, 37.591, 18.544

Trichromacy



Original Color
52, 37.366, 20.965

Protanomaly
52, 14.702, 29.982

Deuteranomaly
52, 22.080, 39.664

Tritanomaly
52, 37.670, 19.404

Monochromacy



Original Color
52, 37.366, 20.965

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 13.406, 16.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 37.366, 20.965 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, 99, 103)` looks like.

```
.text, #text, p{  
    color:rgb(185, 99, 103)  
}
```

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, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 99, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 37.366, 20.965 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, 99, 103) }
```

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

```
.border{ border-color:rgb(185, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(185, 99,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 37.366, 20.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 99, 103) }
```

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

```
.background{ background-color: rgb(185, 99,  
103) }
```

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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