

Converting Colors

CIELCh(52, 36.992, 6.035)

Have a look what the booklet for
CIELCh(52, 36.992, 6.035) contains.

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Color

CIELCh(52, 36.730, 5.805)

Conversions

Conversions Part 1

Format	Color
Hex	B76277
RGB	183, 98, 119
RGB Percent	72%, 38%, 47%
CMY	0.2822, 0.6156, 0.5332
CMYK	0.00, 0.46, 0.35, 0.28
HSL	345°, 37%, 55%
HSV	345°, 46%, 72%
XYZ	27.2376, 20.1443, 19.9141
YIQ	125.8090, 43.9190, 24.5510

Conversions

Conversions Part 2

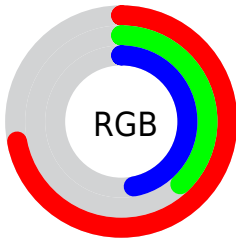
Format	Color
R_{YB}	183, 98, 119
Decimal	12018295
CIE _{Lab}	52.00, 36.54, 3.71
CIE _{LCh}	52, 36.730, 5.805
Yxy	20.1443, 0.4047, 0.2993
Android (android.graphics.Color)	4290208375 (0xFFB76277)
YUV	125.8090, -3.3568, 50.1565
Hunter-Lab	44.8824, 29.7811, 5.1110

Details

The CIELCh color **52, 36.730, 5.805** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 31.018, 174.997**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 36.444, 6.124**, and **32, 36.589, 5.620** is the 20% darker color. If you saturate the color by 10%, you get **48, 44.711, 8.017**, and if you desaturate by 10%, it is **56, 28.525, 4.027**.

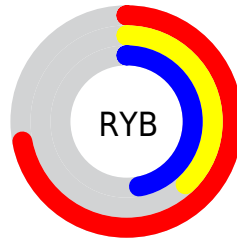
Distribution



Red (72%)

Green (38%)

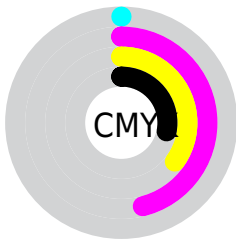
Blue (47%)



Red (72%)

Yellow (38%)

Blue (47%)

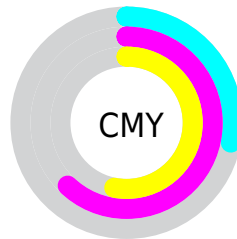


Cyan (0%)

Magenta (46%)

Yellow (35%)

Black (28%)



Cyan (28%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 36.730, 5.805 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, 36.730, 5.805 by changing the saturation by 10% instead.

 52, 36.730, 5.805  52, 36.730, 5.805

 100, 36.730, 5.805  42, 36.730, 5.805

 72, 36.730, 5.805  32, 36.730, 5.805

 82, 36.730, 5.805  22, 36.730, 5.805

 92, 36.730, 5.805  12, 36.730, 5.805

 2, 36.730, 5.805

 0, 36.730, 5.805

 52, 36.730, 5.805  52, 36.730, 5.805

 48, 44.711, 8.017  56, 28.525, 4.027

 45, 52.150, 10.799  61, 20.359, 2.565

42, 58.716, 14.314

66, 12.400, 1.332

40, 64.209, 18.686

71, 4.747, 0.234

39, 68.717, 23.858

76, 2.555, 179.615

38, 70.318, 25.681

81, 9.496, 178.694

87, 16.087,
177.972

92, 22.348,
177.335

95, 24.603,
183.374

Harmonies

Complementary

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



52, 36.730, 5.805



69, 31.018, 174.997

Rectangle

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



52, 36.730, 5.805



52, 36.730, 55.805



52, 36.730, 185.805



52, 36.730, 235.805

Sweetspot

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



52, 36.727, 5.807



85, 12.971, 1.083



52, 53.190, 319.233



44, 9.071, 1.326



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, 36.727, 5.807



61, 54.748, 8.137



56, 31.451, 44.286



36, 4.216, 0.550



32, 62.017, 24.895



2, 11.035, 4.739

Inverse Universe

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



52, 36.727, 5.807



61, 54.748, 8.137



63, 22.735, 229.759



36, 4.216, 0.550



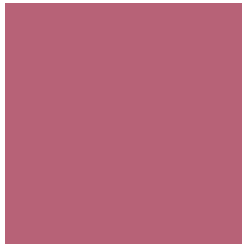
32, 62.017, 24.895



2, 11.035, 4.739

Previews

White Background



This preview shows how the CIELCh color 52, 36.730, 5.805 looks on a white background.

Color Contrast Check

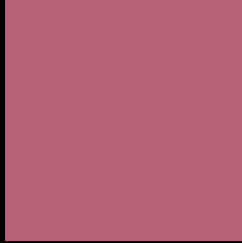
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.730, 5.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

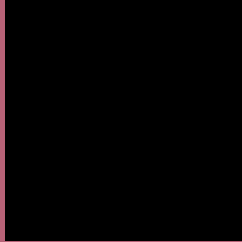
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 36.730, 5.805

Background



This preview shows how black text looks on a background with the CIELCh color 52, 36.730, 5.805.



This preview shows how white text looks on a background with the CIELCh color 52, 36.730, 5.805.

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, 36.730, 5.805

Protanopia

52, 5.806, 290.913

Deuteranopia

52, 8.862, 39.170



Tritanopia
52, 35.349, 17.774

Trichromacy



Original Color
52, 36.730, 5.805

Protanomaly
52, 14.530, 347.301

Deuteranomaly
52, 18.625, 14.611

Tritanomaly
52, 35.632, 13.394

Monochromacy



Original Color
52, 36.730, 5.805

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 13.330, 3.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 36.730, 5.805 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(183, 98, 119)` looks like.

```
.text, #text, p{  
    color:rgb(183, 98, 119)  
}
```

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(183, 98, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 98, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 36.730, 5.805 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(183, 98, 119) }
```

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

```
.border{ border-color:rgb(183, 98, 119) }
```

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

Here you see how a box with a 4 pixel rgb(183, 98, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 98, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 98, 119);  
box-shadow:4px 4px 4px 4px rgb(183, 98,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 36.730, 5.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 98, 119) }
```

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

```
.background{ background-color: rgb(183, 98,  
119) }
```

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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