

Converting Colors

CIELCh(48, 53.597, 16.323)

Have a look what the booklet for
CIELCh(48, 53.597, 16.323) contains.

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Color

CIELCh(48, 53.597, 16.323)

Conversions

Conversions Part 1

Format	Color
Hex	C3465B
RGB	195, 70, 91
RGB Percent	76%, 27%, 36%
CMY	0.2344, 0.7247, 0.6425
CMYK	0.00, 0.64, 0.53, 0.23
HSL	350°, 51%, 52%
HSV	350°, 64%, 77%
XYZ	26.6601, 16.7945, 11.7732
YIQ	109.7690, 67.7590, 33.0310

Conversions

Conversions Part 2

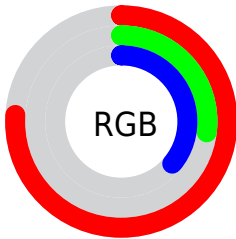
Format	Color
R_{YB}	195, 70, 91
Decimal	12797531
CIE _{Lab}	48.00, 51.44, 15.06
CIE _{LCh}	48, 53.597, 16.323
Yxy	16.7945, 0.4827, 0.3041
Android (android.graphics.Color)	4290987611 (0xFFC3465B)
YUV	109.7690, -9.2531, 74.7476
Hunter-Lab	40.9810, 44.4057, 11.6537

Details

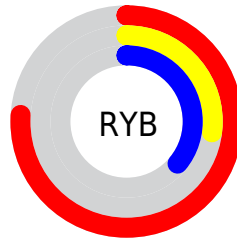
The CIELCh color **48, 53.597, 16.323** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **72, 39.304, 179.427**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 53.395, 16.000**, and **28, 53.620, 16.170** is the 20% darker color. If you saturate the color by 10%, you get **45, 61.448, 19.819**, and if you desaturate by 10%, it is **52, 45.119, 13.555**.

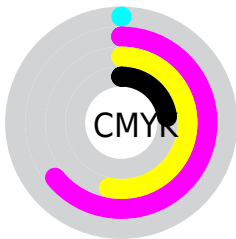
Distribution



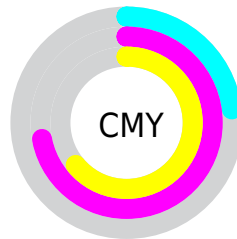
- Red (76%)
- Green (27%)
- Blue (36%)



- Red (76%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (64%)
- Yellow (53%)
- Black (23%)



- Cyan (23%)
- Magenta (72%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 53.597, 16.323 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 48, 53.597, 16.323 by changing the saturation by 10% instead.

 48, 53.597, 16.323

 48, 53.597, 16.323

 100, 53.597,
16.323

 38, 53.597, 16.323

 68, 53.597, 16.323

 28, 53.597, 16.323

 78, 53.597, 16.323

 18, 53.597, 16.323

 88, 53.597, 16.323

 8, 53.597, 16.323

 98, 53.597, 16.323

 0, 53.597, 16.323

 48, 53.597, 16.323

 48, 53.597, 16.323

 45, 61.448, 19.819

 52, 45.119, 13.555

 43, 68.437, 24.113

 56, 36.345, 11.367

41, 74.479, 29.076

61, 27.571, 9.621

41, 77.811, 31.986

66, 19.015, 8.204

71, 10.811, 7.023

77, 3.024, 5.928

82, 4.328, 185.385

88, 11.255,
184.594

93, 17.784,
183.948

Harmonies

Complementary

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



48, 53.597, 16.323



72, 39.304, 179.427

Rectangle

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



48, 53.597, 16.323



48, 53.597, 66.323



48, 53.597, 196.323



48, 53.597, 246.323

Sweetspot

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



48, 53.594, 16.325



87, 18.441, 7.621



48, 75.536, 321.800



45, 12.790, 7.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 53.594, 16.325



57, 78.854, 21.522



55, 47.466, 50.287



38, 4.284, 6.523



33, 66.815, 31.166



3, 14.208, 10.325

Inverse Universe

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



48, 53.594, 16.325



57, 78.854, 21.522



61, 31.145, 244.242



38, 4.284, 6.523



33, 66.815, 31.166



3, 14.208, 10.325

Previews

White Background



This preview shows how the CIELCh color 48, 53.597, 16.323 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 CIE LCh color 48, 53.597, 16.323 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 48, 53.597, 16.323

Background



This preview shows how black text looks on a background with the CIELCh color 48, 53.597, 16.323.

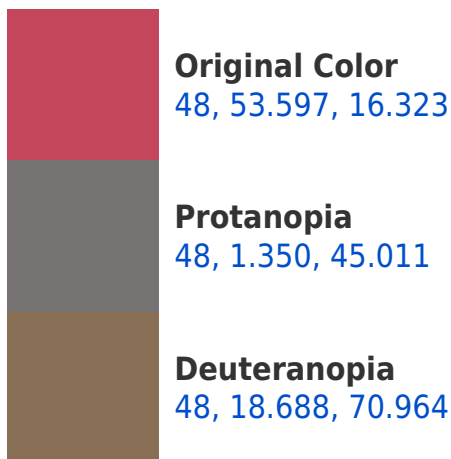


This preview shows how white text looks on a background with the CIELCh color 48, 53.597, 16.323.

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](#).

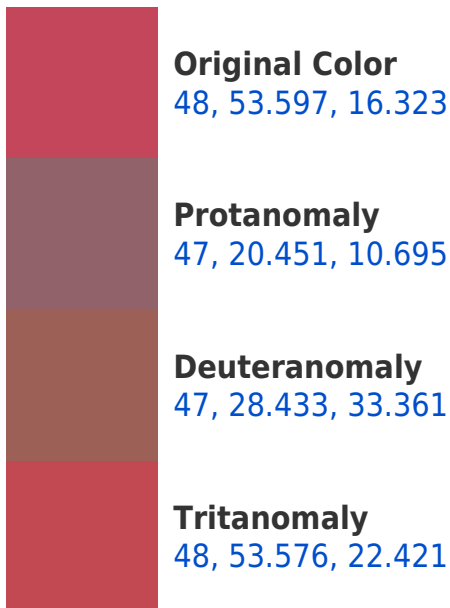
Dichromacy



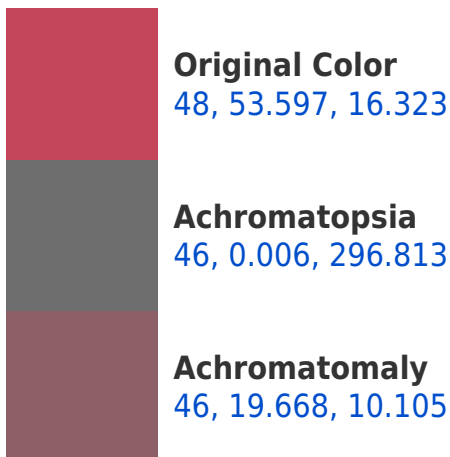


Tritanopia
48, 54.105, 25.777

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 53.597, 16.323 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(195, 70, 91)` looks like.

```
.text, #text, p{  
    color:rgb(195, 70, 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(195, 70, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 70, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 53.597, 16.323 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(195, 70, 91) }
```

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

```
.border{ border-color:rgb(195, 70, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 70, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 70, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 70, 91);  
box-shadow:4px 4px 4px 4px rgb(195, 70,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 53.597, 16.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 70, 91) }
```

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

```
.background{ background-color: rgb(195, 70,  
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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