

Converting Colors

CIELCh(53, 40.654, 13.717)

Have a look what the booklet for
CIELCh(53, 40.654, 13.717) contains.

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Color

CIELCh(53, 40.598, 13.231)

Conversions

Conversions Part 1

Format	Color
Hex	C06170
RGB	192, 97, 112
RGB Percent	75%, 38%, 44%
CMY	0.2456, 0.6183, 0.5595
CMYK	0.00, 0.49, 0.42, 0.25
HSL	351°, 43%, 57%
HSV	351°, 49%, 75%
XYZ	29.0846, 21.0462, 17.9546
YIQ	127.1150, 51.8050, 24.8050

Conversions

Conversions Part 2

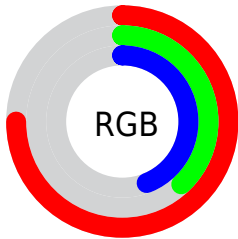
Format	Color
R_{YB}	192, 97, 112
Decimal	12607856
CIE _{Lab}	53.00, 39.52, 9.29
CIE _{LCh}	53, 40.598, 13.231
Yxy	21.0462, 0.4272, 0.3091
Android (android.graphics.Color)	4290797936 (0xFFC06170)
YUV	127.1150, -7.4517, 56.9041
Hunter-Lab	45.8761, 32.8825, 8.9089

Details

The CIELCh color **53, 40.598, 13.231** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 31.825, 181.999**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 40.482, 12.984**, and **33, 40.614, 13.643** is the 20% darker color. If you saturate the color by 10%, you get **49, 49.207, 15.714**, and if you desaturate by 10%, it is **58, 31.859, 11.269**.

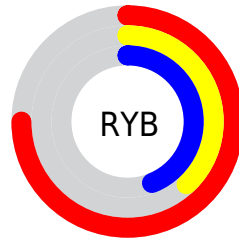
Distribution



Red (75%)

Green (38%)

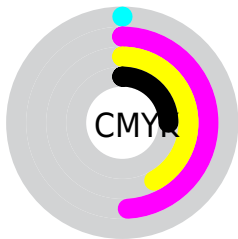
Blue (44%)



Red (75%)

Yellow (38%)

Blue (44%)

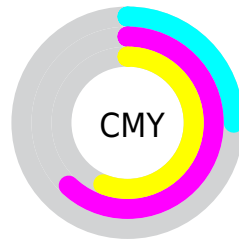


Cyan (0%)

Magenta (49%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 40.598, 13.231 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 53, 40.598, 13.231 by changing the saturation by 10% instead.

■ 53, 40.598, 13.231

■ 53, 40.598, 13.231

■ 100, 40.598,
13.231

■ 43, 40.598, 13.231

■ 73, 40.598, 13.231

■ 33, 40.598, 13.231

■ 83, 40.598, 13.231

■ 23, 40.598, 13.231

■ 93, 40.598, 13.231

■ 13, 40.598, 13.231

■ 3, 40.598, 13.231

■ 0, 40.598, 13.231

■ 53, 40.598, 13.231

■ 53, 40.598, 13.231

■ 49, 49.207, 15.714

■ 58, 31.859, 11.269

■ 46, 57.379, 18.855

■ 62, 23.253, 9.694

43, 64.823, 22.767

67, 14.949, 8.404

41, 71.369, 27.425

73, 7.041, 7.307

40, 77.102, 32.340

78, 0.433, 187.658

40, 77.443, 32.604

84, 7.472, 185.790

89, 14.098,
185.095

95, 20.342,
184.500

96, 20.395,
198.163

Harmonies

Complementary

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



53, 40.598, 13.231



72, 31.825, 181.999

Rectangle

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



53, 40.598, 13.231



53, 40.598, 63.231



53, 40.598, 193.231



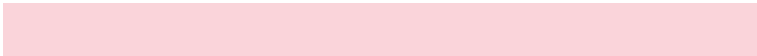
53, 40.598, 243.231

Sweetspot

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



53, 40.595, 13.234



88, 14.129, 7.930



54, 59.504, 321.925



46, 9.695, 8.168



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



53, 40.595, 13.234



63, 60.452, 15.865



60, 34.204, 52.373



38, 4.271, 7.304



33, 67.260, 31.856



3, 14.185, 10.861

Inverse Universe

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



53, 40.595, 13.234



63, 60.452, 15.865



63, 25.416, 242.817



38, 4.271, 7.304



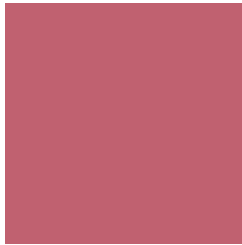
33, 67.260, 31.856



3, 14.185, 10.861

Previews

White Background



This preview shows how the CIELCh color 53, 40.598, 13.231 looks on a white background.

Color Contrast Check

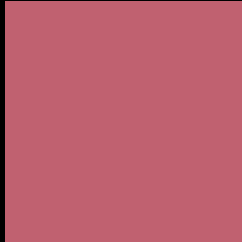
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 40.598, 13.231 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 53, 40.598, 13.231

Background



This preview shows how black text looks on a background with the CIELCh color 53, 40.598, 13.231.



This preview shows how white text looks on a background with the CIELCh color 53, 40.598, 13.231.

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

53, 40.598, 13.231

Protanopia

53, 1.675, 335.670

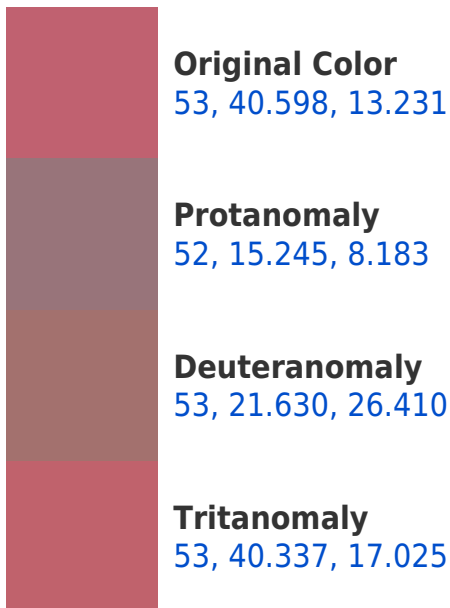
Deuteranopia

53, 13.156, 57.748

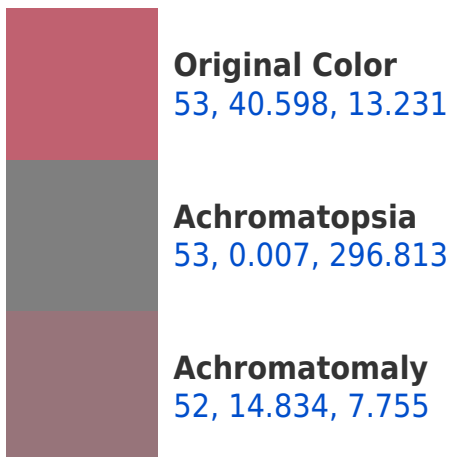


Tritanopia
53, 40.079, 19.249

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 40.598, 13.231 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(192, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 112)  
}
```

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(192, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 40.598, 13.231 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(192, 97, 112) }
```

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

```
.border{ border-color:rgb(192, 97, 112) }
```

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

Here you see how a box with a 4 pixel rgb(192, 97, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 40.598, 13.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 112) }
```

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

```
.background{ background-color: rgb(192, 97,  
112) }
```

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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