

Converting Colors

CIELCh(53, 42.194, 358.692)

Have a look what the booklet for
CIELCh(53, 42.194, 358.692)
contains.

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Color

CIELCh(53, 42.194, 358.692)

Conversions

Conversions Part 1

Format	Color
Hex	C06082
RGB	192, 96, 130
RGB Percent	75%, 38%, 51%
CMY	0.2488, 0.6250, 0.4917
CMYK	0.00, 0.50, 0.32, 0.25
HSL	339°, 43%, 56%
HSV	339°, 50%, 75%
XYZ	29.7796, 21.0462, 23.4768
YIQ	128.5800, 46.3020, 30.9260

Conversions

Conversions Part 2

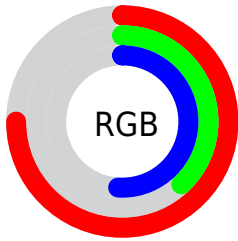
Format	Color
RYB	192, 96, 130
Decimal	12607618
CIELab	53.00, 42.18, -0.96
CIELCh	53, 42.194, 358.692
Yxy	21.0462, 0.4008, 0.2832
Android (android.graphics.Color)	4290797698 (0xFFC06082)
YUV	128.5800, 0.7001, 55.6193
Hunter-Lab	45.8761, 35.5867, 1.7720

Details

The CIELCh color $53, 42.194, 358.692$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $71, 37.506, 166.870$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 42.371, 358.614$, and $33, 42.480, 358.689$ is the 20% darker color. If you saturate the color by 10%, you get $49, 49.999, 0.837$, and if you desaturate by 10%, it is $57, 33.811, 356.953$.

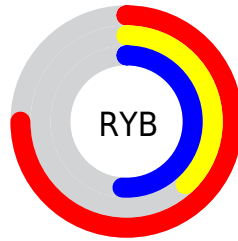
Distribution



Red (75%)

Green (38%)

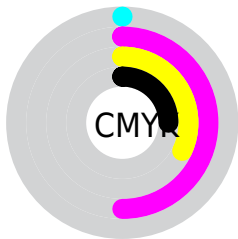
Blue (51%)



Red (75%)

Yellow (38%)

Blue (51%)

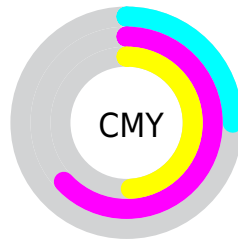


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (63%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 42.194, 358.692 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, 42.194, 358.692 by changing the saturation by 10% instead.


 53, 42.194,
358.692

 53, 42.194,
358.692


 100, 42.194,
358.692


 43, 42.194,
358.692


 73, 42.194,
358.692

 33, 42.194,
358.692

 83, 42.194,
358.692

 23, 42.194,
358.692

 93, 42.194,
358.692

 13, 42.194,
358.692

 3, 42.194, 358.692

 0, 42.194, 358.692

53, 42.194,
358.692

53, 42.194,
358.692

49, 49.999, 0.837

57, 33.811,
356.953

46, 56.829, 3.526

62, 25.202,
355.507

43, 62.315, 6.935

42, 66.299, 11.222

67, 16.614,
354.275

41, 69.216, 16.215


72, 8.208, 353.190

78, 0.076, 346.436

83, 7.741, 171.547

88, 15.229,
170.775

94, 22.395,
170.091

 96, 22.554,
179.265

Harmonies

Complementary

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



53, 42.194, 358.692



71, 37.506, 166.870

Rectangle

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



53, 42.194, 358.692



53, 42.194, 48.692



53, 42.194, 178.692



53, 42.194, 228.692

Sweetspot

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



53, 42.191, 358.694



88, 15.279, 353.736



51, 58.520, 315.728



46, 10.458, 353.968



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, 42.191, 358.694



63, 61.849, 1.050



55, 38.332, 34.341



38, 4.651, 353.116



34, 60.595, 15.417



3, 14.851, 0.666

Inverse Universe

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



53, 42.191, 358.694



63, 61.849, 1.050



68, 26.064, 213.340



38, 4.651, 353.116



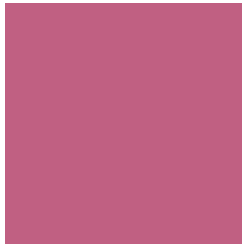
34, 60.595, 15.417



3, 14.851, 0.666

Previews

White Background



This preview shows how the CIELCh color 53, 42.194, 358.692 looks on a white background.

Color Contrast Check

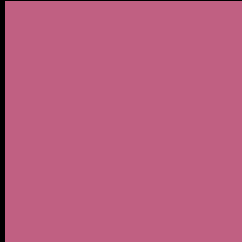
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 42.194, 358.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

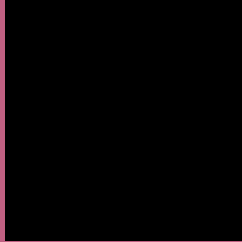
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 42.194, 358.692

Background



This preview shows how black text looks on a background with the CIELCh color 53, 42.194, 358.692.



This preview shows how white text looks on a background with the CIELCh color 53, 42.194, 358.692.

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, 42.194, 358.692

Protanopia

53, 12.752, 286.778

Deuteranopia

53, 7.004, 10.698



Tritanopia
53, 38.750, 18.832

Trichromacy



Original Color
53, 42.194, 358.692

Protanomaly
52, 19.797, 332.339

Deuteranomaly
53, 20.345, 358.741

Tritanomaly
53, 39.727, 11.159

Monochromacy



Original Color
53, 42.194, 358.692

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 15.988, 353.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 42.194, 358.692 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, 96, 130)` looks like.

```
.text, #text, p{  
    color:rgb(192, 96, 130)  
}
```

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, 96, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 96, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 42.194, 358.692 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, 96, 130) }
```

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

```
.border{ border-color:rgb(192, 96, 130) }
```

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

Here you see how a box with a 4 pixel rgb(192, 96, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 96, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 96, 130);  
box-shadow:4px 4px 4px 4px rgb(192, 96,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 42.194, 358.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 96, 130) }
```

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

```
.background{ background-color: rgb(192, 96,  
130) }
```

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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