

Converting Colors

CIELCh(53, 40.863, 22.347)

Have a look what the booklet for
CIELCh(53, 40.863, 22.347) contains.

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Color

CIELCh(53, 40.491, 22.427)

Conversions

Conversions Part 1

Format	Color
Hex	C06366
RGB	192, 99, 102
RGB Percent	75%, 39%, 40%
CMY	0.2476, 0.6122, 0.6005
CMYK	0.00, 0.48, 0.47, 0.25
HSL	358°, 42%, 57%
HSV	358°, 48%, 75%
XYZ	28.5463, 21.0462, 15.0979
YIQ	127.1490, 54.4650, 20.6490

Conversions

Conversions Part 2

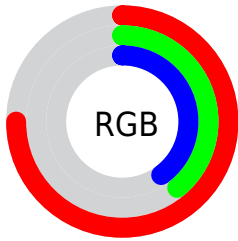
Format	Color
R _Y B	192, 99, 102
Decimal	12608358
CIE Lab	53.00, 37.43, 15.45
CIE LCh	53, 40.491, 22.427
Yxy	21.0462, 0.4413, 0.3253
Android (android.graphics.Color)	4290798438 (0xFFC06366)
YUV	127.1490, -12.3985, 56.8743
Hunter-Lab	45.8761, 30.7879, 12.6008

Details

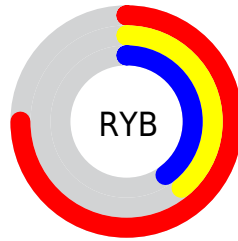
The CIELCh color **53, 40.491, 22.427** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 29.163, 193.944**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 40.223, 22.538**, and **33, 40.503, 23.013** is the 20% darker color. If you saturate the color by 10%, you get **49, 49.944, 24.748**, and if you desaturate by 10%, it is **58, 31.224, 20.630**.

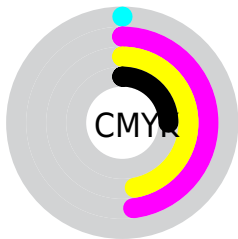
Distribution



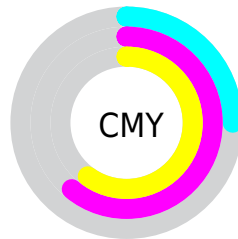
- Red (75%)
- Green (39%)
- Blue (40%)



- Red (75%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (47%)
- Black (25%)



- Cyan (25%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 40.491, 22.427 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, 40.491, 22.427 by changing the saturation by 10% instead.

■ 53, 40.491, 22.427

■ 53, 40.491, 22.427

■ 100, 40.491,
22.427

■ 43, 40.491, 22.427

■ 73, 40.491, 22.427

■ 33, 40.491, 22.427

■ 83, 40.491, 22.427

■ 23, 40.491, 22.427

■ 93, 40.491, 22.427

■ 13, 40.491, 22.427

■ 3, 40.491, 22.427

■ 0, 40.491, 22.427

■ 53, 40.491, 22.427

■ 53, 40.491, 22.427

■ 49, 49.944, 24.748

■ 58, 31.224, 20.630

■ 45, 59.307, 27.684

■ 63, 22.352, 19.231

43, 68.226, 31.236

68, 13.988, 18.132

41, 76.194, 35.115

73, 6.178, 17.228

40, 82.225, 38.378

78, 1.081, 197.122

40, 83.021, 38.758

84, 7.819, 196.145

90, 14.082,
195.660

95, 19.919,
195.271

96, 20.550,
198.153

Harmonies

Complementary

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



53, 40.491, 22.427



72, 29.163, 193.944

Rectangle

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



53, 40.491, 22.427



53, 40.491, 72.427



53, 40.491, 202.427



53, 40.491, 252.427

Sweetspot

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



53, 40.489, 22.430



88, 13.920, 17.825



56, 59.686, 325.958



46, 9.570, 18.025



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, 40.489, 22.430



63, 61.465, 24.872



63, 33.245, 66.033



38, 4.188, 17.307



33, 72.458, 38.414



3, 14.012, 17.641

Inverse Universe

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



53, 40.489, 22.430



63, 61.465, 24.872



60, 28.022, 260.541



38, 4.188, 17.307



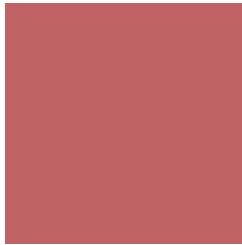
33, 72.458, 38.414



3, 14.012, 17.641

Previews

White Background



This preview shows how the CIELCh color 53, 40.491, 22.427 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, 40.491, 22.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

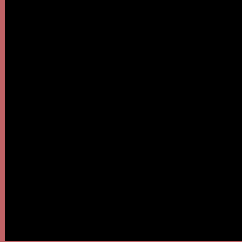
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 40.491, 22.427

Background



This preview shows how black text looks on a background with the CIELCh color 53, 40.491, 22.427.



This preview shows how white text looks on a background with the CIELCh color 53, 40.491, 22.427.

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, 40.491, 22.427

Protanopia

53, 6.649, 91.292

Deuteranopia

53, 18.399, 68.190



Tritanopia
53, 40.562, 19.419

Trichromacy



Original Color
53, 40.491, 22.427

Protanomaly
53, 16.263, 33.262

Deuteranomaly
53, 24.505, 42.034

Tritanomaly
53, 40.654, 20.211

Monochromacy



Original Color
53, 40.491, 22.427

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 14.225, 18.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 40.491, 22.427 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, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(192, 99, 102)  
}
```

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, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 99, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 40.491, 22.427 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, 99, 102) }
```

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

```
.border{ border-color:rgb(192, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(192, 99,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 40.491, 22.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 99, 102) }
```

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

```
.background{ background-color: rgb(192, 99,  
102) }
```

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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