

Converting Colors

CIELCh(53, 11.584, 293.196)

Have a look what the booklet for
CIELCh(53, 11.584, 293.196)
contains.

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Color

CIELCh(53, 11.597, 293.453)

Conversions

Conversions Part 1

Format	Color
Hex	7E7D91
RGB	126, 125, 145
RGB Percent	49%, 49%, 57%
CMY	0.5070, 0.5109, 0.4325
CMYK	0.13, 0.14, 0.00, 0.43
HSL	243°, 8%, 53%
HSV	243°, 14%, 57%
XYZ	20.9496, 21.0462, 29.6299
YIQ	127.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

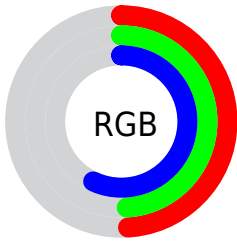
Format	Color
R_{YB}	126, 125, 145
Decimal	8289681
CIE _{Lab}	53.00, 4.62, -10.64
CIE _{LCh}	53, 11.597, 293.453
Yxy	21.0462, 0.2925, 0.2938
Android (android.graphics.Color)	4286479761 (0xFF7E7D91)
YUV	127.5790, 8.5886, -1.3848
Hunter-Lab	45.8761, 1.2299, -6.1802

Details

The CIELCh color $53, 11.597, 293.453$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $59, 11.246, 110.951$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 11.419, 293.059$, and $33, 12.007, 294.130$ is the 20% darker color. If you saturate the color by 10%, you get $48, 20.391, 294.587$, and if you desaturate by 10%, it is $58, 3.145, 292.485$.

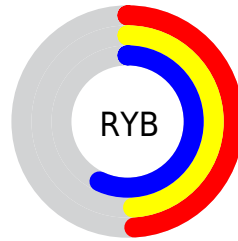
Distribution



Red (49%)

Green (49%)

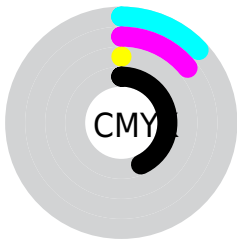
Blue (57%)



Red (49%)

Yellow (49%)

Blue (57%)

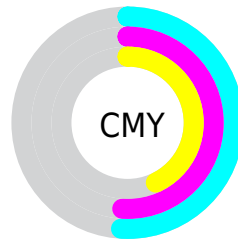


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (43%)



Cyan (51%)


Magenta (51%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 11.597, 293.453 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, 11.597, 293.453 by changing the saturation by 10% instead.


 53, 11.597,
293.453


 53, 11.597,
293.453


 100, 11.597,
293.453


 43, 11.597,
293.453


 73, 11.597,
293.453

 33, 11.597,
293.453

 83, 11.597,
293.453

 23, 11.597,
293.453

 93, 11.597,
293.453

 13, 11.597,
293.453

 3, 11.597, 293.453

 0, 11.597, 293.453

■ 53, 11.597,
293.453

■ 53, 11.597,
293.453

■ 48, 20.391,
294.587

■ 58, 3.145, 292.485

■ 43, 29.549,
295.910

■ 63, 4.986, 111.634

■ 38, 39.077,
297.434

■ 68, 12.820,
110.925

■ 33, 48.934,
299.152

■ 73, 20.377,
110.315

■ 28, 58.966,
301.016

■ 78, 27.676,
109.789

■ 23, 68.780,
302.902

■ 83, 34.735,
109.334

■ 20, 77.566,
304.591


■ 88, 41.569,
108.940

■ 17, 84.101,

■ 93, 48.193,
108.597

305.796

 98, 54.619,
108.298

 16, 87.461,
306.485

Harmonies

Complementary

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



53, 11.597, 293.453



59, 11.246, 110.951

Rectangle

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



53, 11.597, 293.453



53, 11.597, 343.453



53, 11.597, 113.453



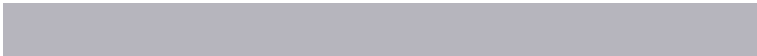
53, 11.597, 163.453

Sweetspot

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



53, 11.596, 293.450



74, 4.097, 292.508



58, 7.251, 201.773



38, 2.905, 292.570



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 11.596, 293.450



66, 17.843, 293.833



54, 12.299, 310.809



27, 4.647, 292.980



14, 83.198, 306.501



0, 3.088, 292.140

Inverse Universe

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



55, 13.441, 326.541



68, 20.567, 326.739



59, 12.090, 129.645



28, 5.421, 326.279



31, 69.408, 330.264



1, 3.641, 325.801

Previews

White Background



This preview shows how the CIELCh color 53, 11.597, 293.453 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, 11.597, 293.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

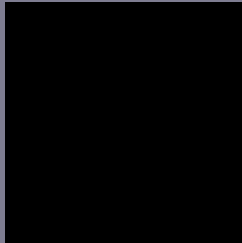
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

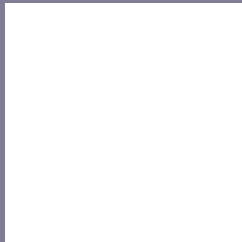
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 11.597, 293.453

Background



This preview shows how black text looks on a background with the CIELCh color 53, 11.597, 293.453.



This preview shows how white text looks on a background with the CIELCh color 53, 11.597, 293.453.

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, 11.597, 293.453

Protanopia

53, 11.597, 287.940

Deuteranopia

53, 13.072, 303.359



Tritanopia
53, 5.828, 283.337

Trichromacy



Original Color
53, 11.597, 293.453

Protanomaly
53, 11.586, 289.770

Deuteranomaly
53, 12.292, 298.684

Tritanomaly
53, 7.528, 288.216

Monochromacy



Original Color
53, 11.597, 293.453

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.079, 296.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 11.597, 293.453 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(126, 125, 145)` looks like.

```
.text, #text, p{  
    color:rgb(126, 125, 145)  
}
```

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(126, 125, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 125, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 11.597, 293.453 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(126, 125, 145) }
```

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

```
.border{ border-color:rgb(126, 125, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 125, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 125, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 125, 145);  
box-shadow:4px 4px 4px 4px rgb(126, 125,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 11.597, 293.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 125, 145) }
```

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

```
.background{ background-color: rgb(126,  
125, 145) }
```

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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