

Converting Colors

CIELCh(53, 7.890, 282.781)

Have a look what the booklet for
CIELCh(53, 7.890, 282.781) contains.

CIELCh(53, 8.162, 283.200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 8.162, 283.200)

Conversions

Conversions Part 1

Format	Color
Hex	7B7E8C
RGB	123, 126, 140
RGB Percent	48%, 49%, 55%
CMY	0.5174, 0.5057, 0.4508
CMYK	0.12, 0.10, 0.00, 0.45
HSL	229°, 7%, 52%
HSV	229°, 12%, 55%
XYZ	20.3822, 21.0462, 27.8213
YIQ	126.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

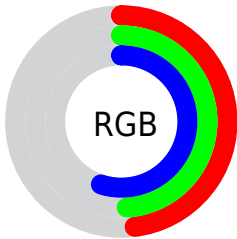
Format	Color
R_{YB}	123, 126, 140
Decimal	8093324
CIE Lab	53.00, 1.86, -7.95
CIE LCh	53, 8.162, 283.200
Yxy	21.0462, 0.2943, 0.3039
Android (android.graphics.Color)	4286283404 (0xFF7B7E8C)
YUV	126.6990, 6.5574, -3.2440
Hunter-Lab	45.8761, -0.9778, -3.8427

Details

The CIELCh color $53, 8.162, 283.200$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 8.035, 100.452$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 8.197, 283.422$, and $33, 8.262, 283.204$ is the 20% darker color. If you saturate the color by 10%, you get $49, 15.106, 284.556$, and if you desaturate by 10%, it is $57, 1.423, 282.082$.

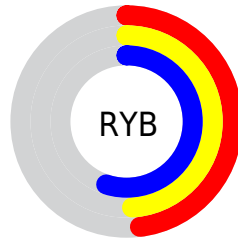
Distribution



Red (48%)

Green (49%)

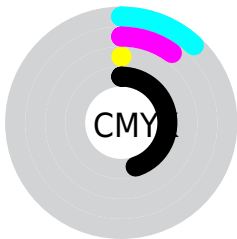
Blue (55%)



Red (48%)

Yellow (49%)

Blue (55%)

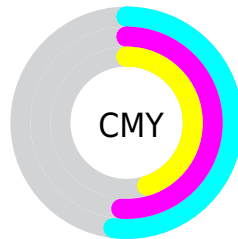


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.162, 283.200 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, 8.162, 283.200 by changing the saturation by 10% instead.

■ 53, 8.162, 283.200

■ 53, 8.162, 283.200

■ 100, 8.162,
283.200

■ 43, 8.162, 283.200

■ 73, 8.162, 283.200

■ 33, 8.162, 283.200

■ 83, 8.162, 283.200

■ 23, 8.162, 283.200

■ 93, 8.162, 283.200

■ 13, 8.162, 283.200

■ 3, 8.162, 283.200

■ 0, 8.162, 283.200

■ 53, 8.162, 283.200

■ 53, 8.162, 283.200

■ 49, 15.106,
284.556

■ 57, 1.423, 282.082

■ 62, 5.122, 100.967

44, 22.275,
286.147

66, 11.485,
100.099

40, 29.690,
287.998

70, 17.675, 99.335

36, 37.369,
290.134

74, 23.702, 98.663

79, 29.572, 98.071

31, 45.320,
292.557

83, 35.292, 97.545

27, 53.502,
295.227

87, 40.870, 97.076

91, 46.311, 96.656

24, 61.756,
298.033

20, 69.702,
300.778

18, 75.364,
302.611

Harmonies

Complementary

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



53, 8.162, 283.200



57, 8.035, 100.452

Rectangle

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



53, 8.162, 283.200



53, 8.162, 333.200



53, 8.162, 103.200



53, 8.162, 153.200

Sweetspot

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



53, 8.161, 283.194



72, 3.283, 282.260



57, 6.781, 183.553



37, 2.353, 282.332



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 8.161, 283.194



66, 12.492, 283.604



53, 10.112, 303.112



27, 3.726, 282.827



17, 72.114, 302.479



0, 1.709, 281.776

Inverse Universe

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



53, 7.105, 6.104



66, 10.918, 6.442



57, 9.889, 121.777



27, 3.231, 5.793



27, 57.232, 29.543



0, 1.465, 5.051

Previews

White Background



This preview shows how the CIELCh color 53, 8.162, 283.200 looks on a white background.

Color Contrast Check

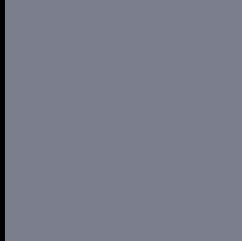
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.162, 283.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

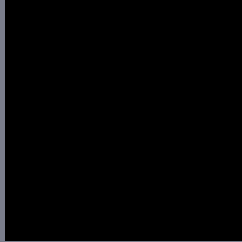
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

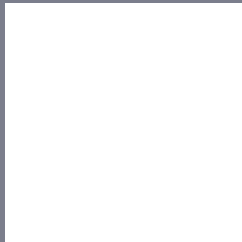
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 8.162, 283.200

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.162, 283.200.

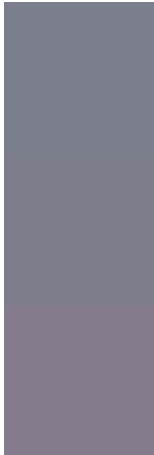


This preview shows how white text looks on a background with the CIELCh color 53, 8.162, 283.200.

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, 8.162, 283.200

Protanopia

53, 8.105, 288.501

Deuteranopia

53, 11.037, 309.621



Tritanopia
53, 6.054, 272.549

Trichromacy



Original Color
53, 8.162, 283.200

Protanomaly
53, 8.125, 285.837

Deuteranomaly
53, 10.068, 302.289

Tritanomaly
53, 6.602, 274.248

Monochromacy



Original Color
53, 8.162, 283.200

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 2.914, 282.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 8.162, 283.200 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(123, 126, 140)` looks like.

```
.text, #text, p{  
    color:rgb(123, 126, 140)  
}
```

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(123, 126, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 126, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.162, 283.200 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(123, 126, 140) }
```

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

```
.border{ border-color:rgb(123, 126, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 126, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 126, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 126, 140);  
box-shadow:4px 4px 4px 4px rgb(123, 126,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.162, 283.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 126, 140) }
```

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

```
.background{ background-color: rgb(123,  
126, 140) }
```

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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