

Converting Colors

CIELCh(53, 10.454, 285.322)

Have a look what the booklet for
CIELCh(53, 10.454, 285.322)
contains.

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Color

CIELCh(53, 10.454, 285.322)

Conversions

Conversions Part 1

Format	Color
Hex	7B7E90
RGB	123, 126, 144
RGB Percent	48%, 49%, 56%
CMY	0.5187, 0.5070, 0.4364
CMYK	0.15, 0.13, 0.00, 0.44
HSL	231°, 9%, 52%
HSV	231°, 15%, 56%
XYZ	20.5663, 21.0462, 29.2498
YIQ	127.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

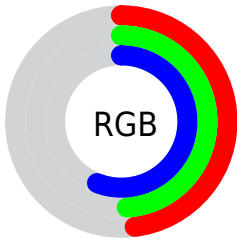
Format	Color
R_{YB}	123, 126, 144
Decimal	8093328
CIE _{Lab}	53.00, 2.76, -10.08
CIE _{LCh}	53, 10.454, 285.322
Yxy	21.0462, 0.2902, 0.2970
Android (android.graphics.Color)	4286283408 (0xFF7B7E90)
YUV	127.1550, 8.3046, -3.6439
Hunter-Lab	45.8761, -0.2613, -5.6890

Details

The CIELCh color $53, 10.454, 285.322$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $58, 10.230, 102.074$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 10.349, 285.259$, and $33, 10.755, 285.722$ is the 20% darker color. If you saturate the color by 10%, you get $48, 17.898, 286.705$, and if you desaturate by 10%, it is $58, 3.249, 284.146$.

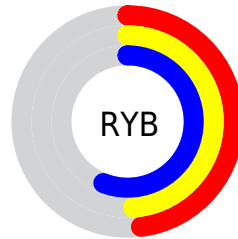
Distribution



Red (48%)

Green (49%)

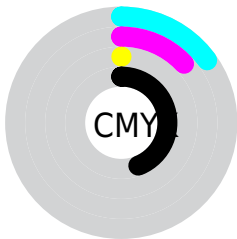
Blue (56%)



Red (48%)

Yellow (49%)

Blue (56%)

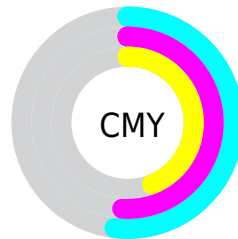


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (52%)


Magenta (51%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.454, 285.322 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, 10.454, 285.322 by changing the saturation by 10% instead.


 53, 10.454,
285.322


 53, 10.454,
285.322


 100, 10.454,
285.322


 43, 10.454,
285.322


 73, 10.454,
285.322

 33, 10.454,
285.322

 83, 10.454,
285.322

 23, 10.454,
285.322

 93, 10.454,
285.322

 13, 10.454,
285.322

 3, 10.454, 285.322

 0, 10.454, 285.322

53, 10.454,
285.322

53, 10.454,
285.322

48, 17.898,
286.705

58, 3.249, 284.146

44, 25.606,
288.326

62, 3.730, 103.062

39, 33.598,
290.209

67, 10.499,
102.192

35, 41.890,
292.371

71, 17.072,
101.426

30, 50.466,
294.799

76, 23.458,
100.755

26, 59.219,
297.426

80, 29.667,
100.166

23, 67.852,
300.097

84, 35.709, 99.645

19, 75.755,

89, 41.590, 99.183

93, 47.320, 98.771

302.565

■ 18, 79.463,
303.626

Harmonies

Complementary

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



53, 10.454, 285.322



58, 10.230, 102.074

Rectangle

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



53, 10.454, 285.322



53, 10.454, 335.322



53, 10.454, 105.322



53, 10.454, 155.322

Sweetspot

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



53, 10.453, 285.318



73, 3.483, 284.092



58, 8.182, 185.984



38, 2.496, 284.163



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, 10.453, 285.318



65, 16.004, 285.815



53, 12.537, 304.461



28, 3.986, 284.653



17, 75.665, 303.499



0, 2.657, 283.624

Inverse Universe

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



53, 8.717, 8.964



66, 13.409, 9.371



59, 12.221, 122.918



28, 3.299, 8.407



27, 59.356, 31.982



0, 2.172, 7.689

Previews

White Background



This preview shows how the CIELCh color 53, 10.454, 285.322 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, 10.454, 285.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

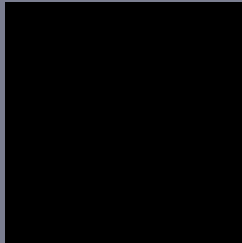
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

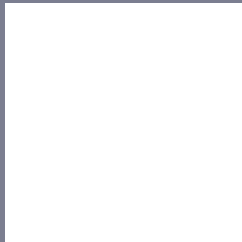
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 10.454, 285.322

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.454, 285.322.



This preview shows how white text looks on a background with the CIELCh color 53, 10.454, 285.322.

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, 10.454, 285.322

Protanopia

53, 11.008, 289.597

Deuteranopia

53, 12.507, 303.864



Tritanopia
53, 6.054, 272.549

Trichromacy



Original Color
53, 10.454, 285.322

Protanomaly
53, 11.008, 289.597

Deuteranomaly
53, 11.672, 297.148

Tritanomaly
53, 7.156, 275.697

Monochromacy



Original Color
53, 10.454, 285.322

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.545, 277.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.454, 285.322 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(123, 126, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 126, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.454, 285.322 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, 144) }
```

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

```
.border{ border-color:rgb(123, 126, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(123, 126,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.454, 285.322 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, 144) }
```

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

```
.background{ background-color: rgb(123,  
126, 144) }
```

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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