

Converting Colors

CIELCh(53, 9.455, 275.050)

Have a look what the booklet for
CIELCh(53, 9.455, 275.050) contains.

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Color

CIELCh(53, 9.554, 275.496)

Conversions

Conversions Part 1

Format	Color
Hex	787F8F
RGB	120, 127, 143
RGB Percent	47%, 50%, 56%
CMY	0.5306, 0.5031, 0.4404
CMYK	0.16, 0.11, 0.00, 0.44
HSL	222°, 9%, 51%
HSV	222°, 16%, 56%
XYZ	20.1890, 21.0462, 28.8624
YIQ	126.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

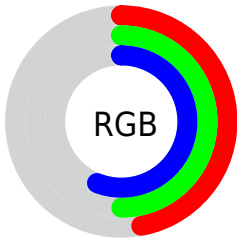
Format	Color
RYB	120, 125, 143
Decimal	7896975
CIELab	53.00, 0.92, -9.51
CIELCh	53, 9.554, 275.496
Yxy	21.0462, 0.2880, 0.3002
Android (android.graphics.Color)	4286087055 (0xFF787F8F)
YUV	126.7310, 8.0206, -5.9031
Hunter-Lab	45.8761, -1.7297, -5.1883

Details

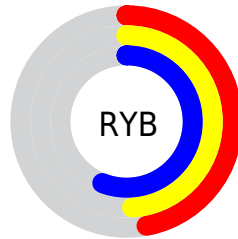
The CIELCh color $53, 9.554, 275.496$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 9.532, 91.416$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.592, 273.878$, and $33, 9.765, 275.465$ is the 20% darker color. If you saturate the color by 10%, you get $49, 15.625, 277.074$, and if you desaturate by 10%, it is $57, 3.595, 274.152$.

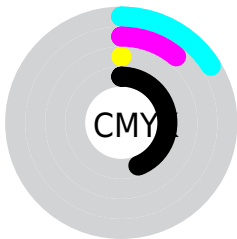
Distribution



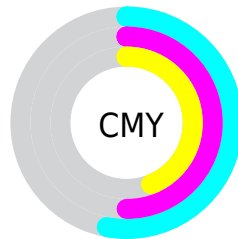
- Red (47%)
- Green (50%)
- Blue (56%)



- Red (47%)
- Yellow (49%)
- Blue (56%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.554, 275.496 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, 9.554, 275.496 by changing the saturation by 10% instead.

■ 53, 9.554, 275.496

■ 53, 9.554, 275.496

■ 100, 9.554,
275.496

■ 43, 9.554, 275.496

■ 73, 9.554, 275.496

■ 33, 9.554, 275.496

■ 83, 9.554, 275.496

■ 23, 9.554, 275.496

■ 93, 9.554, 275.496

■ 13, 9.554, 275.496

■ 3, 9.554, 275.496

■ 0, 9.554, 275.496

■ 53, 9.554, 275.496

■ 53, 9.554, 275.496

■ 49, 15.625,
277.074

■ 57, 3.595, 274.152

■ 61, 2.253, 92.845

45, 21.819,
278.921

65, 7.994, 91.873

41, 28.148,
281.070

69, 13.628, 90.985

38, 34.631,
283.551

72, 19.156, 90.199

34, 41.293,
286.374

76, 24.579, 89.503

30, 48.147,
289.508

80, 29.899, 88.883

84, 35.118, 88.327

27, 55.167,
292.859

88, 40.236, 87.826

24, 62.231,
296.225

23, 64.959,
297.399

Harmonies

Complementary

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



53, 9.554, 275.496



57, 9.532, 91.416

Rectangle

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



53, 9.554, 275.496



53, 9.554, 325.496



53, 9.554, 95.496



53, 9.554, 145.496

Sweetspot

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



53, 9.553, 275.491



73, 3.651, 274.035



57, 9.790, 173.383



38, 2.511, 274.108



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, 9.553, 275.491



66, 14.035, 275.985



51, 13.529, 298.556



28, 3.330, 274.534



21, 62.120, 297.219



1, 2.233, 273.366

Inverse Universe

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



53, 10.153, 357.165



66, 14.961, 357.533



58, 13.082, 116.255



28, 3.513, 356.430



28, 54.170, 19.095



0, 2.331, 355.647

Previews

White Background



This preview shows how the CIELCh color 53, 9.554, 275.496 looks on a white background.

Color Contrast Check

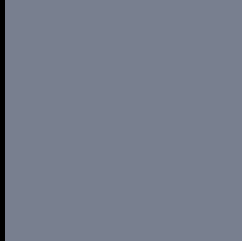
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.554, 275.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

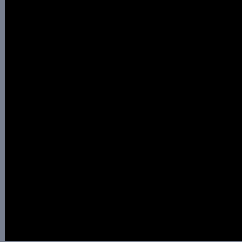
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

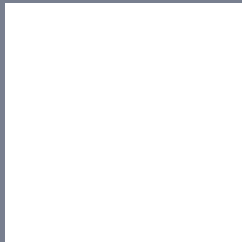
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 9.554, 275.496

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.554, 275.496.



This preview shows how white text looks on a background with the CIELCh color 53, 9.554, 275.496.

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

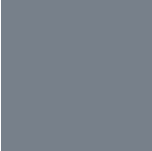
53, 9.554, 275.496

Protanopia

53, 9.851, 289.215

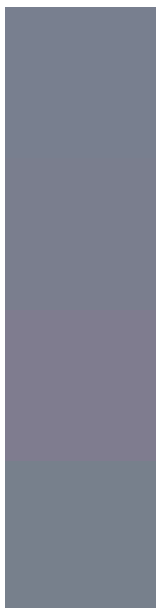
Deuteranopia

53, 12.035, 306.199



Tritanopia
53, 6.638, 260.073

Trichromacy



Original Color
53, 9.554, 275.496

Protanomaly
53, 9.352, 282.103

Deuteranomaly
53, 11.096, 297.387

Tritanomaly
53, 7.641, 264.794

Monochromacy



Original Color
53, 9.554, 275.496

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.550, 277.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.554, 275.496 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(120, 127, 143)` looks like.

```
.text, #text, p{  
    color:rgb(120, 127, 143)  
}
```

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(120, 127, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 127, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.554, 275.496 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(120, 127, 143) }
```

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

```
.border{ border-color:rgb(120, 127, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 127, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 127, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 127, 143);  
box-shadow:4px 4px 4px 4px rgb(120, 127,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.554, 275.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 127, 143) }
```

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

```
.background{ background-color: rgb(120,  
127, 143) }
```

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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