

Converting Colors

CIELCh(53, 4.456, 264.364)

Have a look what the booklet for
CIELCh(53, 4.456, 264.364) contains.

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Color

CIELCh(53, 4.451, 265.070)

Conversions

Conversions Part 1

Format	Color
Hex	7A7F86
RGB	122, 127, 134
RGB Percent	48%, 50%, 53%
CMY	0.5215, 0.5019, 0.4744
CMYK	0.09, 0.05, 0.00, 0.47
HSL	215°, 5%, 50%
HSV	215°, 9%, 53%
XYZ	19.9267, 21.0462, 25.5750
YIQ	126.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

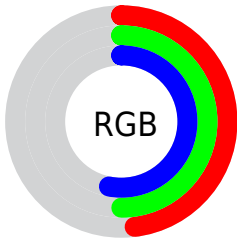
Format	Color
RYB	122, 126, 134
Decimal	8028038
CIELab	53.00, -0.38, -4.43
CIElCh	53, 4.451, 265.070
Yxy	21.0462, 0.2994, 0.3163
Android (android.graphics.Color)	4286218118 (0xFF7A7F86)
YUV	126.3030, 3.7946, -3.7737
Hunter-Lab	45.8761, -2.7502, -0.9397

Details

The CIELCh color $53, 4.451, 265.070$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 4.490, 82.717$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 4.350, 260.436$, and $33, 4.272, 261.843$ is the 20% darker color. If you saturate the color by 10%, you get $50, 9.434, 266.510$, and if you desaturate by 10%, it is $56, 0.512, 83.290$.

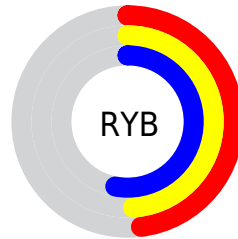
Distribution



Red (48%)

Green (50%)

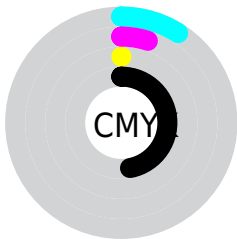
Blue (53%)



Red (48%)

Yellow (49%)

Blue (53%)

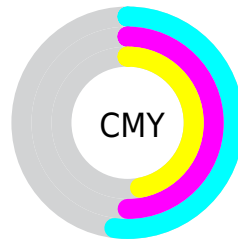


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 4.451, 265.070 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, 4.451, 265.070 by changing the saturation by 10% instead.

■ 53, 4.451, 265.070

■ 53, 4.451, 265.070

■ 100, 4.451,
265.070

■ 43, 4.451, 265.070

■ 73, 4.451, 265.070

■ 33, 4.451, 265.070

■ 83, 4.451, 265.070

■ 23, 4.451, 265.070

■ 93, 4.451, 265.070

■ 13, 4.451, 265.070

■ 3, 4.451, 265.070

■ 0, 4.451, 265.070

■ 53, 4.451, 265.070

■ 53, 4.451, 265.070

■ 50, 9.434, 266.510

■ 56, 0.512, 83.290

■ 46, 14.433,

■ 60, 5.445, 82.588

268.233

63, 10.341, 81.650

43, 19.442,
270.256

66, 15.192, 80.819

40, 24.462,
272.622

69, 19.994, 80.085

73, 24.742, 79.432

37, 29.507,
275.370

76, 29.432, 78.848

34, 34.599,
278.518

79, 34.063, 78.323

82, 38.632, 77.849

31, 39.777,
282.046

28, 45.076,
285.871

26, 50.530,
289.682

Harmonies

Complementary

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



53, 4.451, 265.070



54, 4.490, 82.717

Rectangle

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



53, 4.451, 265.070



53, 4.451, 315.070



53, 4.451, 85.070



53, 4.451, 135.070

Sweetspot

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



53, 4.450, 265.054



70, 1.842, 264.379



55, 5.605, 166.710



36, 1.390, 264.443



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 4.450, 265.054



66, 6.750, 265.364



52, 6.997, 293.589



26, 2.779, 265.076



25, 49.858, 289.918



0, 0.665, 263.862

Inverse Universe

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



52, 5.634, 349.105



66, 8.572, 349.326



56, 6.856, 112.058



26, 3.519, 349.121



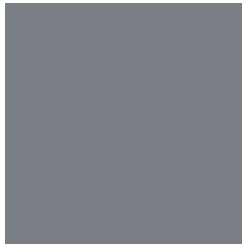
27, 51.256, 8.400



0, 0.832, 348.387

Previews

White Background



This preview shows how the CIELCh color 53, 4.451, 265.070 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, 4.451, 265.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

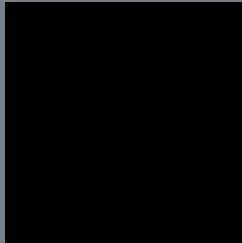
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

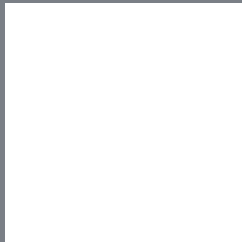
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 4.451, 265.070

Background



This preview shows how black text looks on a background with the CIELCh color 53, 4.451, 265.070.



This preview shows how white text looks on a background with the CIELCh color 53, 4.451, 265.070.

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, 4.451, 265.070

Protanopia

53, 4.079, 296.171

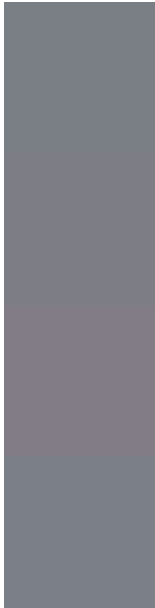
Deuteranopia

53, 8.432, 324.889



Tritanopia
53, 6.054, 272.549

Trichromacy



Original Color

53, 4.451, 265.070

Protanomaly

53, 4.067, 285.217

Deuteranomaly

53, 6.821, 310.963

Tritanomaly

53, 5.511, 270.526

Monochromacy



Original Color

53, 4.451, 265.070

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.779, 277.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 4.451, 265.070 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(122, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(122, 127, 134)  
}
```

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(122, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 127, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 4.451, 265.070 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(122, 127, 134) }
```

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

```
.border{ border-color:rgb(122, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(122, 127,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 4.451, 265.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 127, 134) }
```

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

```
.background{ background-color: rgb(122,  
127, 134) }
```

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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