

Converting Colors

CIELCh(52, 8.940, 240.145)

Have a look what the booklet for
CIELCh(52, 8.940, 240.145) contains.

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Color

CIELCh(52, 8.981, 239.327)

Conversions

Conversions Part 1

Format	Color
Hex	6C7F89
RGB	108, 127, 137
RGB Percent	42%, 50%, 54%
CMY	0.5768, 0.5023, 0.4631
CMYK	0.21, 0.07, 0.00, 0.46
HSL	201°, 12%, 48%
HSV	201°, 21%, 54%
XYZ	18.2627, 20.1443, 26.5610
YIQ	122.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

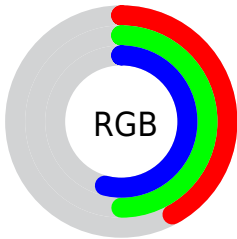
Format	Color
R_{YB}	108, 119, 137
Decimal	7110537
CIE Lab	52.00, -4.58, -7.72
CIE LCh	52, 8.981, 239.327
Yxy	20.1443, 0.2811, 0.3101
Android (android.graphics.Color)	4285300617 (0xFF6C7F89)
YUV	122.4590, 7.1687, -12.6805
Hunter-Lab	44.8824, -5.9125, -3.6696

Details

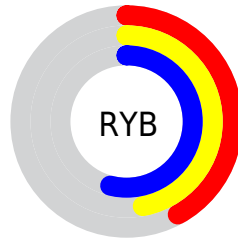
The CIELCh color $52, 8.981, 239.327$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 9.984, 55.418$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.816, 237.246$, and $32, 8.866, 238.901$ is the 20% darker color. If you saturate the color by 10%, you get $50, 12.928, 240.716$, and if you desaturate by 10%, it is $54, 4.832, 238.213$.

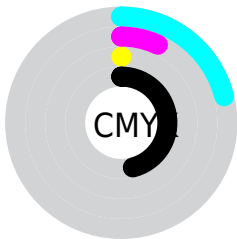
Distribution



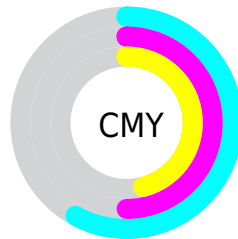
- Red (42%)
- Green (50%)
- Blue (54%)



- Red (42%)
- Yellow (47%)
- Blue (54%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (58%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.981, 239.327 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 52, 8.981, 239.327 by changing the saturation by 10% instead.

■ 52, 8.981, 239.327

■ 52, 8.981, 239.327

■ 100, 8.981,
239.327

■ 42, 8.981, 239.327

■ 72, 8.981, 239.327

■ 32, 8.981, 239.327

■ 82, 8.981, 239.327

■ 22, 8.981, 239.327

■ 92, 8.981, 239.327

■ 12, 8.981, 239.327

■ 2, 8.981, 239.327

■ 0, 8.981, 239.327

■ 52, 8.981, 239.327

■ 52, 8.981, 239.327

■ 50, 12.928,
240.716

■ 54, 4.832, 238.213

■ 57, 0.520, 237.909

47, 16.631,
242.449

59, 3.917, 56.361

45, 20.055,
244.589

62, 8.449, 55.792

43, 23.171,
247.212

64, 13.048, 55.297

41, 25.975,
250.393

69, 22.364, 54.535

39, 28.495,
254.181

72, 27.048, 54.243

38, 30.800,
258.574

74, 31.733, 53.995

36, 32.818,
262.604

Harmonies

Complementary

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



52, 8.981, 239.327



51, 9.984, 55.418

Rectangle

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



52, 8.981, 239.327



52, 8.981, 289.327



52, 8.981, 59.327



52, 8.981, 109.327

Sweetspot

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



52, 8.981, 239.320



71, 3.249, 237.782



54, 16.038, 154.088



37, 2.145, 237.821



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 8.981, 239.320



65, 13.042, 239.893



48, 14.325, 284.948



28, 2.459, 238.026



35, 32.007, 262.432



1, 1.159, 237.128

Inverse Universe

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



49, 16.077, 337.656



61, 23.601, 338.002



55, 13.932, 100.037



27, 4.270, 336.746



28, 55.591, 347.582



0, 1.966, 336.151

Previews

White Background



This preview shows how the CIELCh color 52, 8.981, 239.327 looks on a white background.

Color Contrast Check

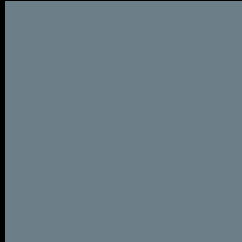
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 8.981, 239.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

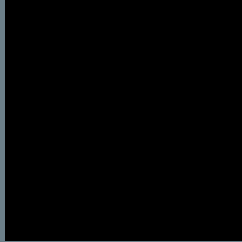
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

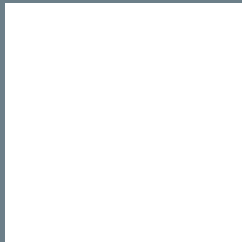
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 8.981, 239.327

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.981, 239.327.



This preview shows how white text looks on a background with the CIELCh color 52, 8.981, 239.327.

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

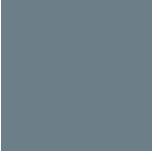
52, 8.981, 239.327

Protanopia

52, 6.395, 290.990

Deuteranopia

52, 11.084, 309.633



Tritanopia
52, 8.981, 239.327

Trichromacy



Original Color
52, 8.981, 239.327

Protanomaly
52, 6.740, 271.189

Deuteranomaly
52, 8.738, 286.307

Tritanomaly
52, 8.981, 239.327

Monochromacy



Original Color
52, 8.981, 239.327

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 3.212, 232.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.981, 239.327 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(108, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(108, 127, 137)  
}
```

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(108, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 127, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.981, 239.327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

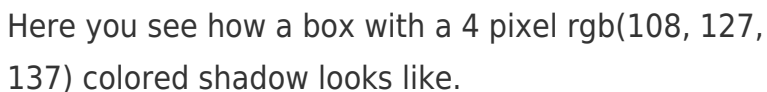
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 127, 137) }
```

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

```
.border{ border-color:rgb(108, 127, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 127, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 127, 137); box-shadow:4px 4px 4px 4px rgb(108, 127, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.981, 239.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 127, 137) }
```

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

```
.background{ background-color: rgb(108,  
127, 137) }
```

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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