

Converting Colors

CIELCh(52, 7.202, 239.501)

Have a look what the booklet for
CIELCh(52, 7.202, 239.501) contains.

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Color

CIELCh(52, 7.215, 239.236)

Conversions

Conversions Part 1

Format	Color
Hex	6F7E86
RGB	111, 126, 134
RGB Percent	44%, 49%, 53%
CMY	0.5633, 0.5045, 0.4731
CMYK	0.17, 0.06, 0.00, 0.47
HSL	201°, 9%, 48%
HSV	201°, 17%, 53%
XYZ	18.4324, 20.1443, 25.6006
YIQ	122.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

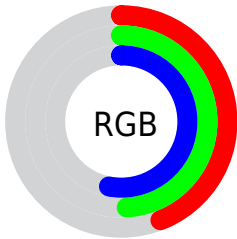
Format	Color
R_{YB}	111, 120, 134
Decimal	7306886
CIE Lab	52.00, -3.69, -6.20
CIE LCh	52, 7.215, 239.236
Yxy	20.1443, 0.2872, 0.3139
Android (android.graphics.Color)	4285496966 (0xFF6F7E86)
YUV	122.4270, 5.7055, -10.0215
Hunter-Lab	44.8824, -5.2375, -2.4008

Details

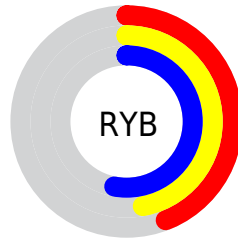
The CIELCh color $52, 7.215, 239.236$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 7.839, 56.071$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 7.116, 236.935$, and $32, 7.034, 238.109$ is the 20% darker color. If you saturate the color by 10%, you get $50, 11.193, 240.511$, and if you desaturate by 10%, it is $54, 3.056, 238.235$.

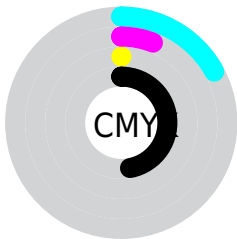
Distribution



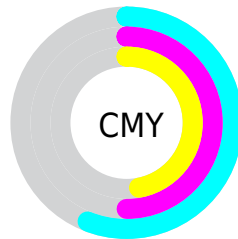
- Red (44%)
- Green (49%)
- Blue (53%)



- Red (44%)
- Yellow (47%)
- Blue (53%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.215, 239.236 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, 7.215, 239.236 by changing the saturation by 10% instead.

■ 52, 7.215, 239.236

■ 52, 7.215, 239.236

■ 100, 7.215,
239.236

■ 42, 7.215, 239.236

■ 72, 7.215, 239.236

■ 32, 7.215, 239.236

■ 82, 7.215, 239.236

■ 22, 7.215, 239.236

■ 92, 7.215, 239.236

■ 12, 7.215, 239.236

■ 2, 7.215, 239.236

■ 0, 7.215, 239.236

■ 52, 7.215, 239.236

■ 52, 7.215, 239.236

■ 50, 11.193,
240.511

■ 54, 3.056, 238.235

■ 57, 1.245, 56.970

47, 14.952,
242.109

59, 5.656, 56.488

45, 18.453,
244.082

62, 10.147, 55.935

43, 21.664,
246.506

64, 14.693, 55.466

41, 24.572,
249.457

67, 19.277, 55.073

39, 27.190,
252.996

69, 23.880, 54.742

37, 29.569,
257.145

72, 28.489, 54.462

36, 31.832,
261.738

74, 33.095, 54.224

35, 32.510,
262.998

Harmonies

Complementary

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



52, 7.215, 239.236



51, 7.839, 56.071

Rectangle

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



52, 7.215, 239.236



52, 7.215, 289.236



52, 7.215, 59.236



52, 7.215, 109.236

Sweetspot

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



52, 7.215, 239.226



69, 2.651, 238.093



54, 12.766, 154.433



36, 1.799, 238.131



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 7.215, 239.226



65, 10.804, 239.747



49, 11.335, 284.380



27, 2.385, 238.404



34, 31.692, 262.820



0, 0.580, 237.502

Inverse Universe

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



50, 12.748, 337.476



61, 19.297, 337.810



54, 11.085, 100.487



26, 4.129, 336.874



28, 54.744, 347.762



0, 0.981, 336.281

Previews

White Background



This preview shows how the CIELCh color 52, 7.215, 239.236 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 52, 7.215, 239.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

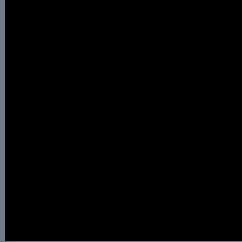
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

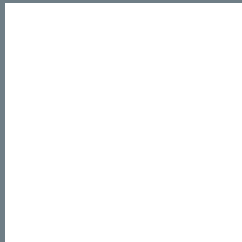
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 7.215, 239.236

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.215, 239.236.



This preview shows how white text looks on a background with the CIELCh color 52, 7.215, 239.236.

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, 7.215, 239.236

Protanopia

52, 5.254, 295.086

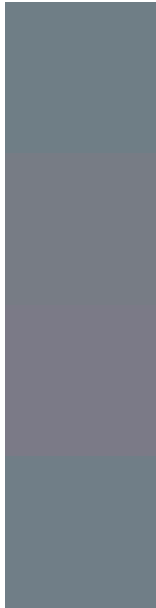
Deuteranopia

52, 10.134, 313.776



Tritanopia
52, 7.717, 248.063

Trichromacy



Original Color
52, 7.215, 239.236

Protanomaly
52, 5.534, 270.555

Deuteranomaly
52, 7.583, 294.039

Tritanomaly
52, 7.316, 244.808

Monochromacy



Original Color
52, 7.215, 239.236

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.600, 241.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.215, 239.236 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(111, 126, 134)` looks like.

```
.text, #text, p{  
    color:rgb(111, 126, 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(111, 126, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 126, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.215, 239.236 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(111, 126, 134) }
```

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

```
.border{ border-color:rgb(111, 126, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 126, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 126, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 126, 134);  
box-shadow:4px 4px 4px 4px rgb(111, 126,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.215, 239.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 126, 134) }
```

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

```
.background{ background-color: rgb(111,  
126, 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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