

Converting Colors

CIELCh(52, 7.989, 246.109)

Have a look what the booklet for
CIELCh(52, 7.989, 246.109) contains.

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Color

CIELCh(52, 7.959, 246.085)

Conversions

Conversions Part 1

Format	Color
Hex	6F7E88
RGB	111, 126, 136
RGB Percent	44%, 49%, 53%
CMY	0.5640, 0.5051, 0.4659
CMYK	0.18, 0.07, 0.00, 0.47
HSL	204°, 10%, 49%
HSV	204°, 18%, 53%
XYZ	18.5212, 20.1443, 26.2759
YIQ	122.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

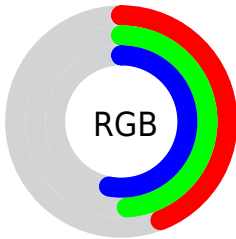
Format	Color
R_{YB}	111, 120, 136
Decimal	7306888
CIE _{Lab}	52.00, -3.23, -7.28
CIE _{LCh}	52, 7.959, 246.085
Yxy	20.1443, 0.2852, 0.3102
Android (android.graphics.Color)	4285496968 (0xFF6F7E88)
YUV	122.6550, 6.5791, -10.2214
Hunter-Lab	44.8824, -4.8843, -3.2929

Details

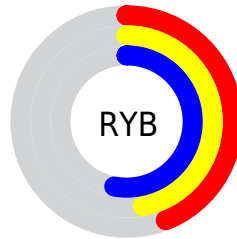
The CIELCh color $52, 7.959, 246.085$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 8.583, 62.058$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 7.787, 243.602$, and $32, 7.816, 245.990$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.097, 247.585$, and if you desaturate by 10%, it is $55, 3.675, 244.865$.

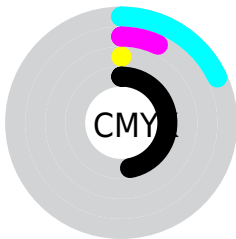
Distribution



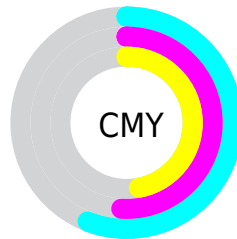
- Red (44%)
- Green (49%)
- Blue (53%)



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



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.959, 246.085 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, 7.959, 246.085 by changing the saturation by 10% instead.

■ 52, 7.959, 246.085

■ 52, 7.959, 246.085

■ 100, 7.959,
246.085

■ 42, 7.959, 246.085

■ 72, 7.959, 246.085

■ 32, 7.959, 246.085

■ 82, 7.959, 246.085

■ 22, 7.959, 246.085

■ 92, 7.959, 246.085

■ 12, 7.959, 246.085

■ 2, 7.959, 246.085

■ 0, 7.959, 246.085

■ 52, 7.959, 246.085

■ 52, 7.959, 246.085

■ 49, 12.097,
247.585

■ 55, 3.675, 244.865

■ 57, 0.723, 63.265

47, 16.059,
249.424

60, 5.207, 62.789

45, 19.816,
251.656

63, 9.751, 62.083

42, 23.349,
254.349

65, 14.336, 61.472

40, 26.658,
257.567

68, 18.944, 60.946

71, 23.560, 60.492

73, 28.173, 60.099

38, 29.771,
261.344

76, 32.774, 59.754

36, 32.752,
265.663

34, 35.732,
270.255

34, 36.241,
270.961

Harmonies

Complementary

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



52, 7.959, 246.085



52, 8.583, 62.058

Rectangle

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



52, 7.959, 246.085



52, 7.959, 296.085



52, 7.959, 66.085



52, 7.959, 116.085

Sweetspot

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



52, 7.959, 246.076



70, 3.261, 244.648



54, 13.329, 156.472



37, 2.178, 244.698



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, 7.959, 246.076



65, 11.681, 246.661



49, 13.027, 287.117



28, 2.500, 244.950



33, 35.476, 270.820



1, 1.174, 243.900

Inverse Universe

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



50, 13.340, 339.996



61, 19.749, 340.340



55, 12.644, 103.085



27, 4.106, 339.255



28, 54.044, 351.968



0, 1.889, 338.626

Previews

White Background



This preview shows how the CIELCh color 52, 7.959, 246.085 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, 7.959, 246.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

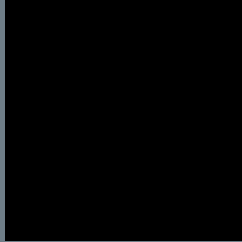
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

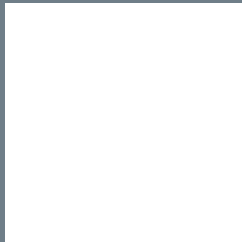
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 7.959, 246.085

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.959, 246.085.



This preview shows how white text looks on a background with the CIELCh color 52, 7.959, 246.085.

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

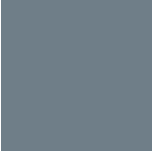
52, 7.959, 246.085

Protanopia

52, 6.395, 290.990

Deuteranopia

52, 10.670, 312.589



Tritanopia
52, 7.959, 246.085

Trichromacy



Original Color
52, 7.959, 246.085

Protanomaly
52, 6.630, 274.280

Deuteranomaly
52, 8.744, 293.780

Tritanomaly
52, 7.959, 246.085

Monochromacy



Original Color
52, 7.959, 246.085

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 3.009, 250.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.959, 246.085 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(111, 126, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 126, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.959, 246.085 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, 136) }
```

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

```
.border{ border-color:rgb(111, 126, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(111, 126,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.959, 246.085 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, 136) }
```

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

```
.background{ background-color: rgb(111,  
126, 136) }
```

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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