

Converting Colors

CIELCh(52, 16.330, 223.860)

Have a look what the booklet for
CIELCh(52, 16.330, 223.860)
contains.

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Color

CIELCh(52, 16.327, 223.530)

Conversions

Conversions Part 1

Format	Color
Hex	57838F
RGB	87, 131, 143
RGB Percent	34%, 51%, 56%
CMY	0.6599, 0.4874, 0.4403
CMYK	0.39, 0.08, 0.00, 0.44
HSL	193°, 24%, 45%
HSV	193°, 39%, 56%
XYZ	16.9192, 20.1443, 28.8696
YIQ	119.2120, -30.0760, -5.5960

Conversions

Conversions Part 2

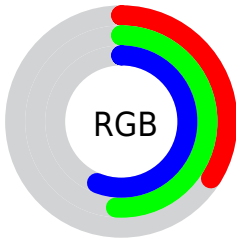
Format	Color
RYB	87, 112, 143
Decimal	5735311
CIELab	52.00, -11.84, -11.24
CIElCh	52, 16.327, 223.530
Yxy	20.1443, 0.2566, 0.3055
Android (android.graphics.Color)	4283925391 (0xFF57838F)
YUV	119.2120, 11.7275, -28.2499
Hunter-Lab	44.8824, -11.2555, -6.7193

Details

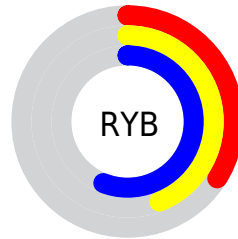
The CIELCh color `52, 16.327, 223.530` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `46, 21.393, 40.746`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 16.433, 224.040`, and `32, 16.447, 222.834` is the 20% darker color. If you saturate the color by 10%, you get `50, 19.603, 224.715`, and if you desaturate by 10%, it is `54, 12.629, 222.634`.

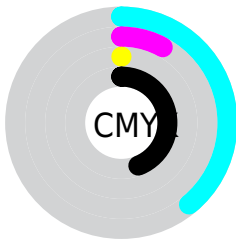
Distribution



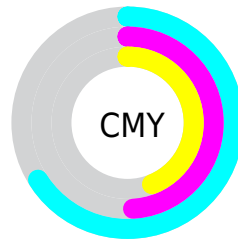
- Red (34%)
- Green (51%)
- Blue (56%)



- Red (34%)
- Yellow (44%)
- Blue (56%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)





- Cyan (66%)
- Magenta (49%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 16.327, 223.530 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, 16.327, 223.530 by changing the saturation by 10% instead.


 52, 16.327,
223.530


 52, 16.327,
223.530


 100, 16.327,
223.530


 42, 16.327,
223.530


 72, 16.327,
223.530

 32, 16.327,
223.530

 82, 16.327,
223.530

 22, 16.327,
223.530

 92, 16.327,
223.530

 12, 16.327,
223.530

 2, 16.327, 223.530

 0, 16.327, 223.530

■ 52, 16.327,
223.530

■ 52, 16.327,
223.530

■ 50, 19.603,
224.715

■ 54, 12.629,
222.634

■ 49, 22.401,
226.267

■ 56, 8.573, 221.982

■ 57, 4.225, 221.550

■ 47, 24.679,
228.258

■ 59, 0.357, 39.935

■ 46, 26.426,
230.770

■ 61, 5.120, 40.809

■ 45, 27.675,
233.874

■ 64, 10.019, 40.714

■ 66, 15.017, 40.662

■ 44, 28.602,
237.440

■ 68, 20.084, 40.655

■ 44, 28.676,
237.710

■ 70, 25.194, 40.686

Harmonies

Complementary

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



52, 16.327, 223.530



46, 21.393, 40.746

Rectangle

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



52, 16.327, 223.530



52, 16.327, 273.530



52, 16.327, 43.530



52, 16.327, 93.530

Sweetspot

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



52, 16.327, 223.527



73, 6.770, 221.655



55, 33.794, 147.434



38, 4.513, 221.701



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 16.327, 223.527



65, 23.380, 224.551



44, 23.918, 279.876



29, 2.585, 221.549



41, 27.546, 237.483



1, 1.785, 221.153

Inverse Universe

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



45, 33.577, 333.559



54, 49.380, 334.181



53, 23.712, 88.828



28, 4.832, 331.559



30, 61.343, 338.697



1, 3.243, 331.027

Previews

White Background



This preview shows how the CIELCh color 52, 16.327, 223.530 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, 16.327, 223.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

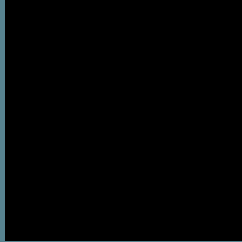
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 16.327, 223.530

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.327, 223.530.

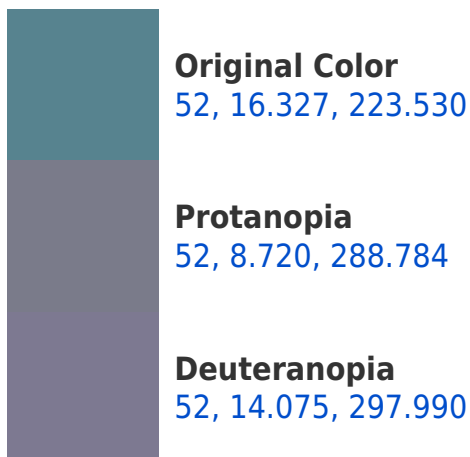



This preview shows how white text looks on a background with the CIELCh color 52, 16.327, 223.530.

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





Tritanopia
52, 16.302, 219.034

Trichromacy



Original Color
52, 16.327, 223.530

Protanomaly
52, 10.093, 252.989

Deuteranomaly
52, 12.008, 266.484

Tritanomaly
52, 16.437, 221.072

Monochromacy



Original Color
52, 16.327, 223.530

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 6.686, 224.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.327, 223.530 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(87, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(87, 131, 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(87, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 131, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.327, 223.530 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(87, 131, 143) }
```

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

```
.border{ border-color:rgb(87, 131, 143) }
```

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

Here you see how a box with a 4 pixel rgb(87, 131, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(87, 131,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.327, 223.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 131, 143) }
```

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

```
.background{ background-color: rgb(87, 131,  
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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