

Converting Colors

CIELCh(52, 19.929, 240.659)

Have a look what the booklet for
CIELCh(52, 19.929, 240.659)
contains.

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Color

CIELCh(52, 19.979, 240.594)

Conversions

Conversions Part 1

Format	Color
Hex	528299
RGB	82, 130, 153
RGB Percent	32%, 51%, 60%
CMY	0.6774, 0.4892, 0.3990
CMYK	0.46, 0.15, 0.00, 0.40
HSL	199°, 30%, 46%
HSV	199°, 46%, 60%
XYZ	17.2878, 20.1443, 33.2241
YIQ	118.2700, -35.9910, -3.0230

Conversions

Conversions Part 2

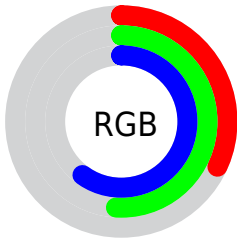
Format	Color
R _Y B	82, 111, 153
Decimal	5407385
CIE Lab	52.00, -9.81, -17.40
CIE LCh	52, 19.979, 240.594
Yxy	20.1443, 0.2447, 0.2851
Android (android.graphics.Color)	4283597465 (0xFF528299)
YUV	118.2700, 17.1219, -31.8088
Hunter-Lab	44.8824, -9.7897, -12.4716

Details

The CIELCh color $52, 19.979, 240.594$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 26.336, 51.615$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 19.877, 239.903$, and $32, 19.900, 240.221$ is the 20% darker color. If you saturate the color by 10%, you get $50, 23.431, 242.906$, and if you desaturate by 10%, it is $54, 16.166, 238.730$.

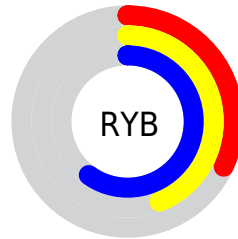
Distribution



Red (32%)

Green (51%)

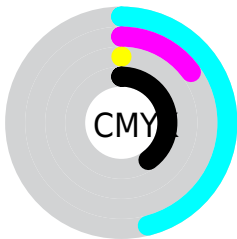
Blue (60%)



Red (32%)

Yellow (44%)

Blue (60%)

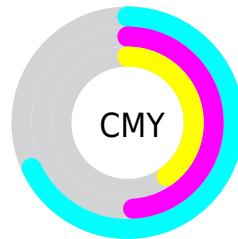


Cyan (46%)

Magenta (15%)

Yellow (0%)

Black (40%)



Cyan (68%)


Magenta (49%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 19.979, 240.594 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, 19.979, 240.594 by changing the saturation by 10% instead.


 52, 19.979,
240.594

 52, 19.979,
240.594


 100, 19.979,
240.594


 42, 19.979,
240.594


 72, 19.979,
240.594

 32, 19.979,
240.594

 82, 19.979,
240.594

 22, 19.979,
240.594

 92, 19.979,
240.594

 12, 19.979,
240.594

 2, 19.979, 240.594

 0, 19.979, 240.594

■ 52, 19.979,
240.594

■ 52, 19.979,
240.594

■ 50, 23.431,
242.906

■ 54, 16.166,
238.730

■ 48, 26.502,
245.753

■ 57, 12.037,
237.241

■ 46, 29.199,
249.208

■ 59, 7.637, 236.060

■ 44, 31.575,
253.306

■ 62, 3.019, 235.180

■ 64, 1.773, 54.046

■ 42, 33.750,
257.966

■ 67, 6.698, 53.592

■ 41, 34.573,
259.647

■ 70, 11.721, 53.116

■ 72, 16.812, 52.719

■ 75, 21.949, 52.393

Harmonies

Complementary

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



52, 19.979, 240.594



49, 26.336, 51.615

Rectangle

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



52, 19.979, 240.594



52, 19.979, 290.594



52, 19.979, 60.594



52, 19.979, 110.594

Sweetspot

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



52, 19.978, 240.592



76, 8.133, 235.853



58, 38.425, 150.802



39, 5.577, 236.054



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 19.978, 240.592



64, 28.723, 243.105



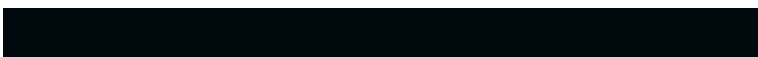
42, 35.107, 288.580



31, 2.678, 235.395



38, 32.269, 259.209



2, 2.945, 235.961

Inverse Universe

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



45, 38.708, 338.868



54, 56.563, 339.932



58, 32.798, 96.102



30, 4.732, 335.866



30, 58.541, 346.152



1, 5.034, 335.748

Previews

White Background



This preview shows how the CIE LCh color 52, 19.979, 240.594 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, 19.979, 240.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

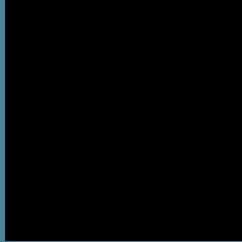
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 19.979, 240.594

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.979, 240.594.



This preview shows how white text looks on a background with the CIELCh color 52, 19.979, 240.594.

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, 19.979, 240.594

Protanopia

52, 15.161, 286.574

Deuteranopia

52, 19.781, 290.582



Tritanopia
52, 18.529, 218.146

Trichromacy



Original Color
52, 19.979, 240.594

Protanomaly
52, 15.894, 265.824

Deuteranomaly
52, 18.300, 272.466

Tritanomaly
52, 18.811, 227.850

Monochromacy



Original Color
52, 19.979, 240.594

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 7.806, 235.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.979, 240.594 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(82, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(82, 130, 153)  
}
```

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(82, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 130, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.979, 240.594 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(82, 130, 153) }
```

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

```
.border{ border-color:rgb(82, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(82, 130,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.979, 240.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 130, 153) }
```

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

```
.background{ background-color: rgb(82, 130,  
153) }
```

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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