

Converting Colors

CIELCh(52, 15.949, 229.142)

Have a look what the booklet for
CIELCh(52, 15.949, 229.142)
contains.

CIELCh(52, 15.944, 229.111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 15.944, 229.111)

Conversions

Conversions Part 1

Format	Color
Hex	598290
RGB	89, 130, 144
RGB Percent	35%, 51%, 56%
CMY	0.6505, 0.4897, 0.4348
CMYK	0.38, 0.10, 0.00, 0.43
HSL	195°, 24%, 46%
HSV	195°, 38%, 57%
XYZ	17.1732, 20.1443, 29.4179
YIQ	119.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

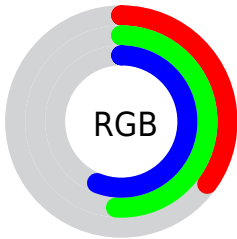
Format	Color
R_{YB}	89, 112, 144
Decimal	5866128
CIE _{Lab}	52.00, -10.44, -12.05
CIE _{LCh}	52, 15.944, 229.111
Yxy	20.1443, 0.2573, 0.3019
Android (android.graphics.Color)	4284056208 (0xFF598290)
YUV	119.3370, 12.1589, -26.6055
Hunter-Lab	44.8824, -10.2454, -7.4436

Details

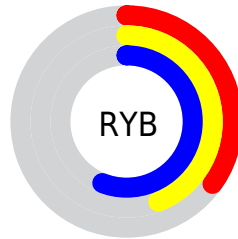
The CIELCh color **52, 15.944, 229.111** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 20.472, 44.753**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 16.034, 229.287**, and **32, 15.948, 229.139** is the 20% darker color. If you saturate the color by 10%, you get **50, 19.332, 230.573**, and if you desaturate by 10%, it is **54, 12.173, 227.974**.

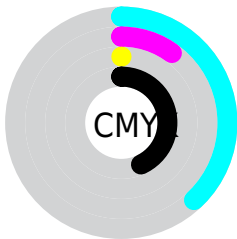
Distribution



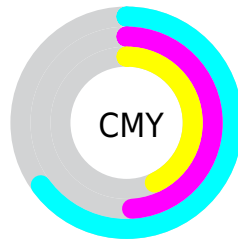
- Red (35%)
- Green (51%)
- Blue (56%)



- Red (35%)
- Yellow (44%)
- Blue (56%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)





- Cyan (65%)
- Magenta (49%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.944, 229.111 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, 15.944, 229.111 by changing the saturation by 10% instead.


 52, 15.944,
229.111


 52, 15.944,
229.111


 100, 15.944,
229.111


 42, 15.944,
229.111


 72, 15.944,
229.111

 32, 15.944,
229.111

 82, 15.944,
229.111

 22, 15.944,
229.111

 92, 15.944,
229.111

 12, 15.944,
229.111

 2, 15.944, 229.111

 0, 15.944, 229.111

■ 52, 15.944,
229.111

■ 52, 15.944,
229.111

■ 50, 19.332,
230.573

■ 54, 12.173,
227.974

■ 48, 22.287,
232.444

■ 56, 8.079, 227.112

■ 58, 3.720, 226.501

■ 47, 24.772,
234.805

■ 60, 0.850, 45.398

■ 45, 26.784,
237.740

■ 62, 5.584, 45.432

■ 44, 28.361,
241.315

■ 65, 10.440, 45.189

■ 67, 15.385, 45.004

■ 42, 29.652,
245.420

■ 69, 20.391, 44.874

■ 42, 29.897,
246.159

■ 72, 25.435, 44.790

Harmonies

Complementary

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



52, 15.944, 229.111



47, 20.472, 44.753

Rectangle

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



52, 15.944, 229.111



52, 15.944, 279.111



52, 15.944, 49.111



52, 15.944, 99.111

Sweetspot

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



52, 15.944, 229.108



73, 6.133, 226.658



55, 31.945, 149.265



38, 4.141, 226.727



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, 15.944, 229.108



64, 22.869, 230.373



44, 24.964, 283.000



29, 2.547, 226.549



40, 28.486, 245.856



1, 1.756, 225.983

Inverse Universe

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



45, 32.064, 335.099



54, 47.122, 335.775



55, 24.263, 92.667



28, 4.695, 333.058



30, 59.632, 341.233



1, 3.150, 332.508

Previews

White Background



This preview shows how the CIE LCh color 52, 15.944, 229.111 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, 15.944, 229.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

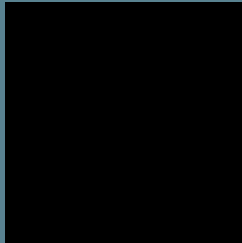
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

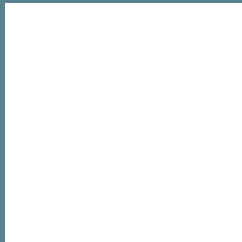
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 15.944, 229.111

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.944, 229.111.



This preview shows how white text looks on a background with the CIELCh color 52, 15.944, 229.111.

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, 15.944, 229.111

Protanopia
52, 9.316, 286.703

Deuteranopia
52, 14.653, 297.800



Tritanopia
52, 15.751, 219.853

Trichromacy



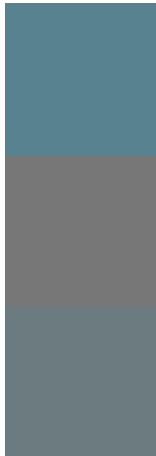
Original Color
52, 15.944, 229.111

Protanomaly
52, 10.540, 255.099

Deuteranomaly
52, 12.835, 271.882

Tritanomaly
52, 15.897, 221.947

Monochromacy



Original Color
52, 15.944, 229.111

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 6.358, 226.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.944, 229.111 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(89, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(89, 130, 144)  
}
```

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(89, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 130, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.944, 229.111 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(89, 130, 144) }
```

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

```
.border{ border-color:rgb(89, 130, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 130, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(89, 130,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.944, 229.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 130, 144) }
```

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

```
.background{ background-color: rgb(89, 130,  
144) }
```

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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