

Converting Colors

CIELCh(52, 13.742, 196.904)

Have a look what the booklet for
CIELCh(52, 13.742, 196.904)
contains.

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Color

CIELCh(52, 13.927, 195.596)

Conversions

Conversions Part 1

Format	Color
Hex	5D8382
RGB	93, 131, 130
RGB Percent	36%, 51%, 51%
CMY	0.6356, 0.4866, 0.4905
CMYK	0.29, 0.00, 0.01, 0.49
HSL	178°, 17%, 44%
HSV	178°, 29%, 51%
XYZ	16.6363, 20.1443, 24.1031
YIQ	119.5240, -22.3270, -8.3670

Conversions

Conversions Part 2

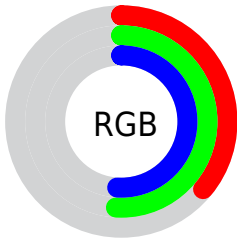
Format	Color
R_{YB}	93, 112, 131
Decimal	6128514
CIE _{Lab}	52.00, -13.41, -3.74
CIE _{LCh}	52, 13.927, 195.596
Yxy	20.1443, 0.2732, 0.3309
Android (android.graphics.Color)	4284318594 (0xFF5D8382)
YUV	119.5240, 5.1647, -23.2615
Hunter-Lab	44.8824, -12.3809, -0.4226

Details

The CIELCh color **52, 13.927, 195.596** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 16.676, 19.646**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 13.743, 196.054**, and **32, 13.961, 194.825** is the 20% darker color. If you saturate the color by 10%, you get **51, 18.029, 195.071**, and if you desaturate by 10%, it is **53, 9.419, 196.150**.

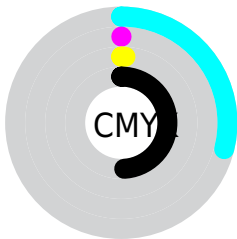
Distribution



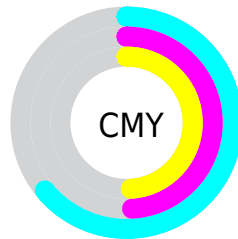
- Red (36%)
- Green (51%)
- Blue (51%)



- Red (36%)
- Yellow (44%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (49%)





- Cyan (64%)
- Magenta (49%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 13.927, 195.596 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, 13.927, 195.596 by changing the saturation by 10% instead.


 52, 13.927,
195.596


 52, 13.927,
195.596


 100, 13.927,
195.596


 42, 13.927,
195.596


 72, 13.927,
195.596

 32, 13.927,
195.596

 82, 13.927,
195.596

 22, 13.927,
195.596

 92, 13.927,
195.596

 12, 13.927,
195.596

 2, 13.927, 195.596

 0, 13.927, 195.596

■ 52, 13.927,
195.596

■ 52, 13.927,
195.596

■ 51, 18.029,
195.071

■ 53, 9.419, 196.150

■ 51, 21.647,
194.585

■ 54, 4.583, 196.766

■ 55, 0.507, 16.479

■ 50, 24.716,
194.133

■ 56, 5.782, 17.812

■ 50, 27.188,
193.711

■ 57, 11.183, 18.468

■ 59, 16.660, 19.111

■ 50, 29.039,
193.314

■ 60, 22.174, 19.751

■ 49, 30.284,
192.935

■ 62, 27.693, 20.387

■ 63, 33.193, 21.018

■ 49, 31.092,
192.566

■ 49, 31.168,

Harmonies

Complementary

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



52, 13.927, 195.596



43, 16.676, 19.646

Rectangle

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



52, 13.927, 195.596



52, 13.927, 245.596



52, 13.927, 15.596



52, 13.927, 65.596

Sweetspot

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



52, 13.927, 195.592



69, 5.679, 196.753



51, 26.658, 141.726



36, 3.965, 196.669



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, 13.927, 195.592



66, 20.361, 195.235



47, 12.589, 255.920



28, 2.893, 196.758



49, 31.017, 192.534



1, 0.708, 197.228

Inverse Universe

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



43, 16.676, 19.646



53, 25.568, 20.511



48, 13.814, 68.410



26, 3.050, 17.742



26, 61.320, 37.467



0, 0.708, 17.211

Previews

White Background



This preview shows how the CIELCh color 52, 13.927, 195.596 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, 13.927, 195.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

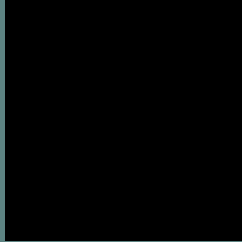
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 13.927, 195.596

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.927, 195.596.



This preview shows how white text looks on a background with the CIELCh color 52, 13.927, 195.596.

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, 13.927, 195.596

Protanopia

52, 1.422, 324.398

Deuteranopia

52, 8.467, 324.899



Tritanopia
52, 13.420, 226.986

Trichromacy



Original Color
52, 13.927, 195.596

Protanomaly
52, 5.053, 205.576

Deuteranomaly
52, 4.640, 260.789

Tritanomaly
52, 13.255, 213.531

Monochromacy



Original Color
52, 13.927, 195.596

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 5.068, 198.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.927, 195.596 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(93, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 131, 130)  
}
```

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(93, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 131, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.927, 195.596 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(93, 131, 130) }
```

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

```
.border{ border-color:rgb(93, 131, 130) }
```

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

Here you see how a box with a 4 pixel rgb(93, 131, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 131,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.927, 195.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 131, 130) }
```

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

```
.background{ background-color: rgb(93, 131,  
130) }
```

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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