

Converting Colors

CIELCh(52, 14.452, 253.533)

Have a look what the booklet for
CIELCh(52, 14.452, 253.533)
contains.

CIELCh(52, 14.294, 253.610)	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, 14.294, 253.610)

Conversions

Conversions Part 1

Format	Color
Hex	667F93
RGB	102, 127, 147
RGB Percent	40%, 50%, 58%
CMY	0.5996, 0.5016, 0.4231
CMYK	0.31, 0.14, 0.00, 0.42
HSL	207°, 18%, 49%
HSV	207°, 31%, 58%
XYZ	18.3670, 20.1443, 30.5655
YIQ	121.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

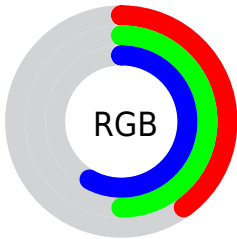
Format	Color
R_{YB}	102, 118, 147
Decimal	6717331
CIE _{Lab}	52.00, -4.03, -13.71
CIE _{LCh}	52, 14.294, 253.610
Yxy	20.1443, 0.2659, 0.2916
Android (android.graphics.Color)	4284907411 (0xFF667F93)
YUV	121.8050, 12.4211, -17.3690
Hunter-Lab	44.8824, -5.4977, -8.9595

Details

The CIELCh color $52, 14.294, 253.610$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 15.979, 65.793$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 14.232, 252.723$, and $32, 14.146, 252.883$ is the 20% darker color. If you saturate the color by 10%, you get $49, 18.702, 255.658$, and if you desaturate by 10%, it is $55, 9.738, 251.903$.

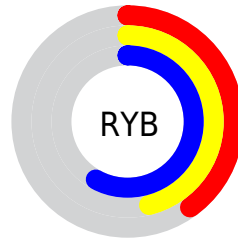
Distribution



Red (40%)

Green (50%)

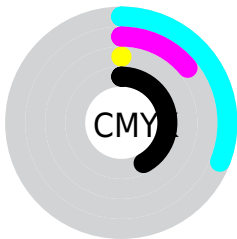
Blue (58%)



Red (40%)

Yellow (46%)

Blue (58%)

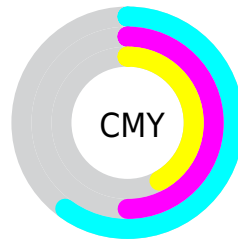


Cyan (31%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (60%)


Magenta (50%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 14.294, 253.610 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, 14.294, 253.610 by changing the saturation by 10% instead.


 52, 14.294,
253.610


 52, 14.294,
253.610


 100, 14.294,
253.610


 42, 14.294,
253.610


 72, 14.294,
253.610

 32, 14.294,
253.610

 82, 14.294,
253.610

 22, 14.294,
253.610

 92, 14.294,
253.610

 12, 14.294,
253.610

 2, 14.294, 253.610

 0, 14.294, 253.610

■ 52, 14.294,
253.610

■ 52, 14.294,
253.610

■ 49, 18.702,
255.658

■ 55, 9.738, 251.903

■ 46, 22.944,
258.117

■ 58, 5.061, 250.501

■ 61, 0.290, 250.363

■ 44, 27.012,
261.046

■ 64, 4.549, 68.148

■ 41, 30.923,
264.489

■ 67, 9.435, 67.324

■ 70, 14.347, 66.598

■ 39, 34.722,
268.453

■ 73, 19.269, 65.968

■ 36, 38.486,
272.875

■ 76, 24.189, 65.419

■ 79, 29.094, 64.937

■ 34, 42.123,
277.102

Harmonies

Complementary

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



52, 14.294, 253.610



53, 15.979, 65.793

Rectangle

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



52, 14.294, 253.610



52, 14.294, 303.610



52, 14.294, 73.610



52, 14.294, 123.610

Sweetspot

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



52, 14.293, 253.607



74, 5.334, 250.329



57, 22.683, 157.584



39, 3.731, 250.493



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 14.293, 253.607



64, 21.203, 255.038



46, 25.008, 291.185



30, 2.715, 250.332



32, 39.933, 276.785



1, 2.395, 249.182

Inverse Universe

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



49, 23.107, 343.361



59, 34.590, 344.101



59, 23.502, 104.302



29, 4.225, 341.438



29, 54.523, 355.886



1, 3.660, 340.771

Previews

White Background



This preview shows how the CIE LCh color 52, 14.294, 253.610 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 CIELCh color 52, 14.294, 253.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

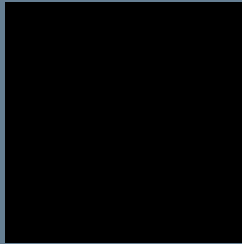
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

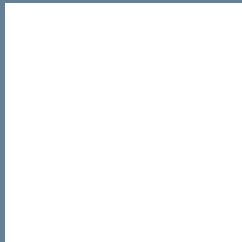
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 14.294, 253.610

Background



This preview shows how black text looks on a background with the CIELCh color 52, 14.294, 253.610.



This preview shows how white text looks on a background with the CIELCh color 52, 14.294, 253.610.

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, 14.294, 253.610

Protanopia

52, 12.229, 286.497

Deuteranopia

52, 15.774, 296.141



Tritanopia
52, 11.777, 228.207

Trichromacy



Original Color
52, 14.294, 253.610

Protanomaly
52, 12.731, 273.396

Deuteranomaly
52, 14.684, 282.062

Tritanomaly
52, 12.387, 239.934

Monochromacy



Original Color
52, 14.294, 253.610

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 5.277, 249.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 14.294, 253.610 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(102, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(102, 127, 147)  
}
```

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(102, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 127, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 14.294, 253.610 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(102, 127, 147) }
```

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

```
.border{ border-color:rgb(102, 127, 147) }
```

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

Here you see how a box with a 4 pixel rgb(102, 127, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(102, 127,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 14.294, 253.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 127, 147) }
```

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

```
.background{ background-color: rgb(102,  
127, 147) }
```

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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