

Converting Colors

CIELCh(52, 15.812, 305.964)

Have a look what the booklet for
CIELCh(52, 15.812, 305.964)
contains.

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Color

CIELCh(52, 15.642, 305.875)

Conversions

Conversions Part 1

Format	Color
Hex	827892
RGB	130, 120, 146
RGB Percent	51%, 47%, 57%
CMY	0.4914, 0.5306, 0.4287
CMYK	0.11, 0.18, 0.00, 0.43
HSL	263°, 11%, 52%
HSV	263°, 18%, 57%
XYZ	20.9997, 20.1443, 29.8441
YIQ	125.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

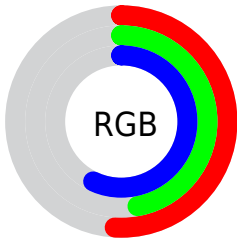
Format	Color
RYB	130, 120, 146
Decimal	8550546
CIELab	52.00, 9.17, -12.67
CIELCh	52, 15.642, 305.875
Yxy	20.1443, 0.2958, 0.2838
Android (android.graphics.Color)	4286740626 (0xFF827892)
YUV	125.9540, 9.8827, 3.5483
Hunter-Lab	44.8824, 4.9728, -8.0066

Details

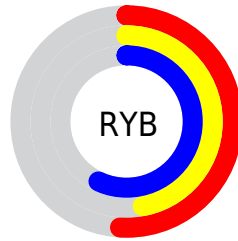
The CIELCh color $52, 15.642, 305.875$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 15.186, 124.059$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 15.828, 305.968$, and $32, 14.991, 304.921$ is the 20% darker color. If you saturate the color by 10%, you get $47, 24.785, 306.485$, and if you desaturate by 10%, it is $57, 6.766, 305.318$.

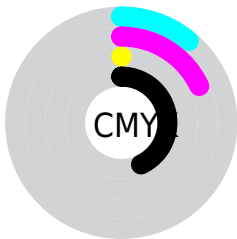
Distribution



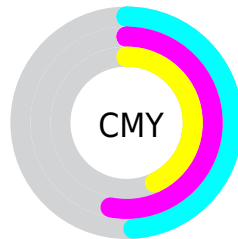
- Red (51%)
- Green (47%)
- Blue (57%)



- Red (51%)
- Yellow (47%)
- Blue (57%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)





- Cyan (49%)
- Magenta (53%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.642, 305.875 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, 15.642, 305.875 by changing the saturation by 10% instead.


 52, 15.642,
305.875


 52, 15.642,
305.875


 100, 15.642,
305.875


 42, 15.642,
305.875


 72, 15.642,
305.875

 32, 15.642,
305.875

 82, 15.642,
305.875

 22, 15.642,
305.875

 92, 15.642,
305.875

 12, 15.642,
305.875

 2, 15.642, 305.875

 0, 15.642, 305.875

52, 15.642,
305.875

52, 15.642,
305.875

47, 24.785,
306.485

57, 6.766, 305.318

43, 34.163,
307.149

61, 1.826, 124.870

38, 43.692,
307.847

66, 10.140,
124.410

34, 53.211,
308.547

71, 18.183,
124.028

29, 62.425,
309.189

75, 25.969,
123.697

26, 70.852,
309.680

80, 33.510,
123.410


23, 77.809,
309.892


85, 40.821,
123.163

20, 82.928,

89, 47.916,
122.950

309.789

 94, 54.807,
122.768

 20, 84.037,
309.795

Harmonies

Complementary

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



52, 15.642, 305.875



59, 15.186, 124.059

Rectangle

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



52, 15.642, 305.875



52, 15.642, 355.875



52, 15.642, 125.875



52, 15.642, 175.875

Sweetspot

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



52, 15.641, 305.874



74, 5.310, 305.173



56, 8.113, 243.915



38, 3.614, 305.206



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, 15.641, 305.874



64, 22.867, 306.087



53, 17.475, 322.061



29, 4.948, 305.391



18, 80.611, 309.849



0, 4.269, 304.935

Inverse Universe

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



53, 13.837, 339.227



66, 20.158, 339.521



58, 17.390, 140.320



29, 4.406, 338.542



29, 55.912, 350.817



1, 3.821, 337.914

Previews

White Background



This preview shows how the CIELCh color 52, 15.642, 305.875 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, 15.642, 305.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

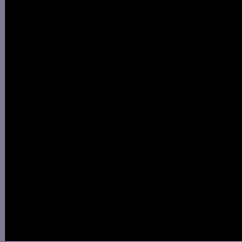
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 15.642, 305.875

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.642, 305.875.



This preview shows how white text looks on a background with the CIELCh color 52, 15.642, 305.875.

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, 15.642, 305.875

Protanopia

52, 14.563, 286.248

Deuteranopia

52, 14.123, 299.500



Tritanopia
52, 6.162, 309.377

Trichromacy



Original Color
52, 15.642, 305.875

Protanomaly
52, 14.548, 293.439

Deuteranomaly
52, 14.180, 301.004

Tritanomaly
52, 9.731, 307.396

Monochromacy



Original Color
52, 15.642, 305.875

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 5.370, 303.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.642, 305.875 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(130, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(130, 120, 146)  
}
```

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(130, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 120, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.642, 305.875 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(130, 120, 146) }
```

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

```
.border{ border-color:rgb(130, 120, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 120, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 120, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 120, 146);  
box-shadow:4px 4px 4px 4px rgb(130, 120,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.642, 305.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 120, 146) }
```

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

```
.background{ background-color: rgb(130,  
120, 146) }
```

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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