

Converting Colors

CIELCh(52, 25.607, 157.675)

Have a look what the booklet for
CIELCh(52, 25.607, 157.675)
contains.

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Color

CIELCh(52, 25.607, 157.675)

Conversions

Conversions Part 1

Format	Color
Hex	54876B
RGB	84, 135, 107
RGB Percent	33%, 53%, 42%
CMY	0.6720, 0.4721, 0.5818
CMYK	0.38, 0.00, 0.21, 0.47
HSL	147°, 23%, 43%
HSV	147°, 38%, 53%
XYZ	14.8695, 20.1443, 16.9149
YIQ	116.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

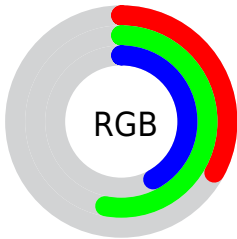
Format	Color
RYB	84, 119, 135
Decimal	5539691
CIELab	52.00, -23.69, 9.73
CIELCh	52, 25.607, 157.675
Yxy	20.1443, 0.2863, 0.3879
Android (android.graphics.Color)	4283729771 (0xFF54876B)
YUV	116.5590, -4.7126, -28.5542
Hunter-Lab	44.8824, -19.4072, 9.0730

Details

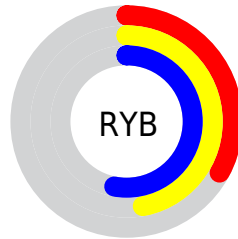
The CIELCh color $52, 25.607, 157.675$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42, 26.479, 344.446$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 25.903, 156.938$, and $32, 25.438, 157.825$ is the 20% darker color. If you saturate the color by 10%, you get $51, 31.970, 156.473$, and if you desaturate by 10%, it is $53, 18.987, 158.738$.

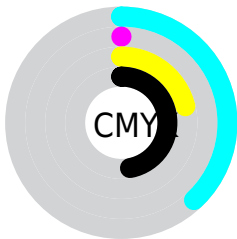
Distribution



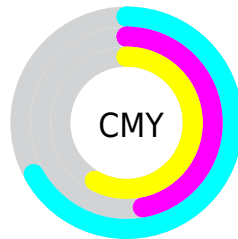
- Red (33%)
- Green (53%)
- Blue (42%)



- Red (33%)
- Yellow (47%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)





- Cyan (67%)
- Magenta (47%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 25.607, 157.675 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, 25.607, 157.675 by changing the saturation by 10% instead.


 52, 25.607,
157.675


 52, 25.607,
157.675


 100, 25.607,
157.675


 42, 25.607,
157.675


 72, 25.607,
157.675

 32, 25.607,
157.675

 82, 25.607,
157.675

 22, 25.607,
157.675

 92, 25.607,
157.675

 12, 25.607,
157.675

 2, 25.607, 157.675

 0, 25.607, 157.675

■ 52, 25.607,
157.675

■ 52, 25.607,
157.675

■ 51, 31.970,
156.473

■ 53, 18.987,
158.738

■ 51, 37.961,
155.111

■ 54, 12.211,
159.688

■ 50, 43.478,
153.569

■ 55, 5.373, 160.560

■ 50, 48.433,
151.832

■ 56, 1.451, 341.064

■ 58, 8.200, 341.916

■ 49, 52.779,
149.901

■ 59, 14.830,
342.561

■ 49, 56.587,
147.866

■ 61, 21.311,
343.145

■ 49, 57.374,
147.464

■ 63, 27.621,
343.684

■ 64, 33.750,
344.184

Harmonies

Complementary

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



52, 25.607, 157.675



42, 26.479, 344.446

Rectangle

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



52, 25.607, 157.675



52, 25.607, 207.675



52, 25.607, 337.675



52, 25.607, 27.675

Sweetspot

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



52, 25.608, 157.674



70, 9.348, 160.270



53, 30.449, 125.535



37, 6.331, 160.170



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 25.608, 157.674



66, 37.496, 156.707



53, 18.125, 192.892



27, 3.802, 160.453



47, 55.861, 147.546



1, 0.910, 161.116

Inverse Universe

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



42, 26.479, 344.446



51, 38.932, 345.374



41, 22.845, 19.035



26, 3.839, 341.763



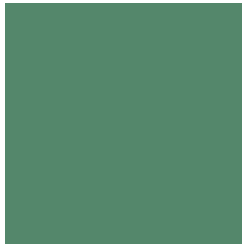
27, 52.237, 356.262



0, 0.911, 341.107

Previews

White Background



This preview shows how the CIELCh color 52, 25.607, 157.675 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, 25.607, 157.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

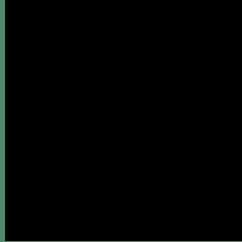
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 25.607, 157.675

Background



This preview shows how black text looks on a background with the CIELCh color 52, 25.607, 157.675.



This preview shows how white text looks on a background with the CIELCh color 52, 25.607, 157.675.

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, 25.607, 157.675

Protanopia
52, 13.170, 93.401

Deuteranopia
52, 10.358, 50.236



Tritanopia
52, 14.636, 221.729

Trichromacy



Original Color
52, 25.607, 157.675

Protanomaly
52, 14.901, 129.712

Deuteranomaly
52, 9.493, 121.588

Tritanomaly
52, 16.220, 189.471

Monochromacy



Original Color
52, 25.607, 157.675

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 9.637, 161.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 25.607, 157.675 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(84, 135, 107)` looks like.

```
.text, #text, p{  
    color:rgb(84, 135, 107)  
}
```

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(84, 135, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 135, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 25.607, 157.675 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(84, 135, 107) }
```

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

```
.border{ border-color:rgb(84, 135, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 135, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 135, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 135, 107); box-shadow:4px 4px 4px 4px rgb(84, 135, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 25.607, 157.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 135, 107) }
```

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

```
.background{ background-color: rgb(84, 135,  
107) }
```

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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