

Converting Colors

CIELCh(52, 63.344, 142.680)

Have a look what the booklet for
CIELCh(52, 63.344, 142.680)
contains.

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Color

CIELCh(52, 63.194, 142.689)

Conversions

Conversions Part 1

Format	Color
Hex	198F35
RGB	25, 143, 53
RGB Percent	10%, 56%, 21%
CMY	0.9012, 0.4388, 0.7918
CMYK	0.82, 0.00, 0.63, 0.44
HSL	134°, 70%, 33%
HSV	134°, 82%, 56%
XYZ	10.8892, 20.1443, 6.6944
YIQ	97.4580, -41.4380, -53.0060

Conversions

Conversions Part 2

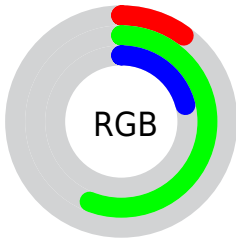
Format	Color
R_{YB}	25, 120, 143
Decimal	1675061
CIE _{Lab}	52.00, -50.26, 38.30
CIE _{LCh}	52, 63.194, 142.689
Yxy	20.1443, 0.2886, 0.5339
Android (android.graphics.Color)	4279865141 (0xFF198F35)
YUV	97.4580, -21.9178, -63.5457
Hunter-Lab	44.8824, -35.2371, 22.5744

Details

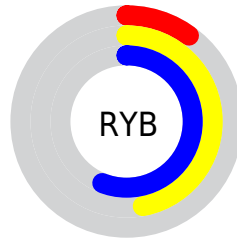
The CIELCh color **52, 63.194, 142.689** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **34, 59.738, 338.111**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 63.287, 142.714**, and **33, 56.439, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 68.057, 140.977**, and if you desaturate by 10%, it is **52, 57.371, 144.323**.

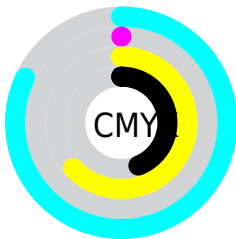
Distribution



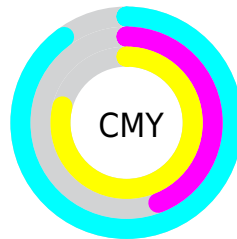
- Red (10%)
- Green (56%)
- Blue (21%)



- Red (10%)
- Yellow (47%)
- Blue (56%)



- Cyan (82%)
- Magenta (0%)
- Yellow (63%)
- Black (44%)




- Cyan (90%)
- Magenta (44%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 63.194, 142.689 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, 63.194, 142.689 by changing the saturation by 10% instead.

 52, 63.194,
142.689

 52, 63.194,
142.689


 100, 63.194,
142.689


 42, 63.194,
142.689


 72, 63.194,
142.689

 32, 63.194,
142.689

 82, 63.194,
142.689

 22, 63.194,
142.689

 92, 63.194,
142.689

 12, 63.194,
142.689

 2, 63.194, 142.689

 0, 63.194, 142.689

■ 52, 63.194,
142.689

■ 52, 63.194,
142.689

■ 52, 68.057,
140.977

■ 52, 57.371,
144.323

■ 52, 71.180,
139.791

■ 53, 50.714,
145.823

■ 54, 43.374,
147.163

■ 54, 35.519,
148.342

■ 55, 27.314,
149.371

■ 56, 18.909,
150.265

■ 58, 10.436,
151.047

■ 59, 1.998, 151.820

Harmonies

Complementary

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



52, 63.194, 142.689



34, 59.738, 338.111

Rectangle

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



52, 63.194, 142.689



52, 63.194, 192.689



52, 63.194, 322.689



52, 63.194, 12.689

Sweetspot

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



52, 63.194, 142.689



72, 26.163, 149.998



56, 59.691, 115.437



37, 17.983, 149.717



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, 63.194, 142.689



66, 86.758, 139.541



53, 39.637, 168.362



30, 4.738, 151.282



49, 68.117, 139.893



2, 3.190, 151.846

Inverse Universe

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



34, 59.738, 338.111



42, 75.978, 340.348



31, 50.864, 14.476



28, 4.755, 332.382



30, 60.375, 340.083



1, 3.191, 331.840

Previews

White Background



This preview shows how the CIELCh color 52, 63.194, 142.689 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, 63.194, 142.689 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, 63.194, 142.689

Background



This preview shows how black text looks on a background with the CIELCh color 52, 63.194, 142.689.



This preview shows how white text looks on a background with the CIELCh color 52, 63.194, 142.689.

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, 63.194, 142.689

Protanopia
51, 42.426, 95.701

Deuteranopia
52, 36.396, 78.839



Tritanopia
52, 23.151, 213.531

Trichromacy



Original Color
52, 63.194, 142.689



Protanomaly
50, 46.801, 123.474



Deuteranomaly
50, 39.013, 118.663



Tritanomaly
51, 33.171, 170.106

Monochromacy



Original Color
52, 63.194, 142.689



Achromatopsia
42, 0.006, 296.813



Achromatomaly
44, 25.710, 149.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 63.194, 142.689 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(25, 143, 53)` looks like.

```
.text, #text, p{  
    color:rgb(25, 143, 53)  
}
```

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(25, 143, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 143, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 63.194, 142.689 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(25, 143, 53) }
```

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

```
.border{ border-color:rgb(25, 143, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 143, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 143, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 143, 53);  
box-shadow:4px 4px 4px 4px rgb(25, 143,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 63.194, 142.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 143, 53) }
```

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

```
.background{ background-color: rgb(25, 143,  
53) }
```

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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