

Converting Colors

CIELCh(52, 75.027, 134.650)

Have a look what the booklet for
CIELCh(52, 75.027, 134.650)
contains.

CIELCh(52, 75.243, 134.587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 75.243, 134.587)

Conversions

Conversions Part 1

Format	Color
Hex	209006
RGB	32, 144, 6
RGB Percent	13%, 56%, 2%
CMY	0.8733, 0.4369, 0.9756
CMYK	0.77, 0.00, 0.96, 0.44
HSL	109°, 92%, 29%
HSV	109°, 96%, 56%
XYZ	10.5487, 20.1443, 3.5104
YIQ	94.7800, -22.4540, -66.6620

Conversions

Conversions Part 2

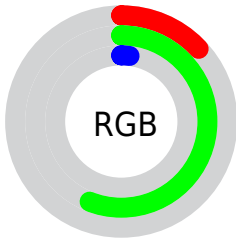
Format	Color
RYB	6, 144, 118
Decimal	2134022
CIELab	52.00, -52.82, 53.59
CIELCh	52, 75.243, 134.587
Yxy	20.1443, 0.3084, 0.5890
Android (android.graphics.Color)	4280324102 (0xFF209006)
YUV	94.7800, -43.7685, -55.0581
Hunter-Lab	44.8824, -36.5913, 26.7804

Details

The CIELCh color **52, 75.243, 134.587** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **29, 75.393, 321.324**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 75.591, 134.575**, and **33, 56.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 76.597, 134.580**, and if you desaturate by 10%, it is **52, 71.530, 134.499**.

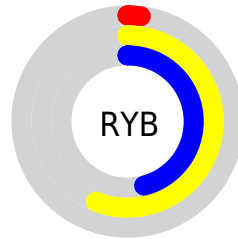
Distribution



Red (13%)

Green (56%)

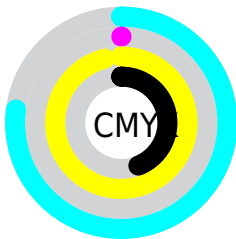
Blue (2%)



Red (2%)

Yellow (56%)

Blue (46%)

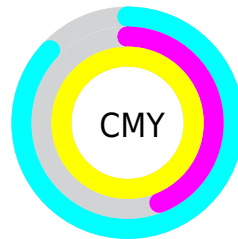


Cyan (77%)

Magenta (0%)

Yellow (96%)

Black (44%)



Cyan (87%)


Magenta (44%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 75.243, 134.587 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, 75.243, 134.587 by changing the saturation by 10% instead.


 52, 75.243,
134.587


 52, 75.243,
134.587


 100, 75.243,
134.587


 42, 75.243,
134.587


 72, 75.243,
134.587

 32, 75.243,
134.587

 82, 75.243,
134.587

 22, 75.243,
134.587

 92, 75.243,
134.587

 12, 75.243,
134.587

 2, 75.243, 134.587

 0, 75.243, 134.587

■ 52, 75.243,
134.587

■ 52, 75.243,
134.587

■ 52, 76.597,
134.580

■ 52, 71.530,
134.499

■ 53, 66.113,
134.739

■ 53, 59.246,
135.233

■ 54, 51.314,
135.865

■ 55, 42.659,
136.542

■ 56, 33.551,
137.205

■ 57, 24.194,
137.822

■ 58, 14.742,

138.381

■ 59, 5.306, 138.891

Harmonies

Complementary

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



52, 75.243, 134.587



29, 75.393, 321.324

Rectangle

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



52, 75.243, 134.587



52, 75.243, 184.587



52, 75.243, 314.587



52, 75.243, 4.587

Sweetspot

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



52, 75.243, 134.588



71, 33.770, 137.586



50, 54.776, 88.804



37, 23.333, 137.347



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, 75.243, 134.588



66, 92.979, 134.773



52, 66.663, 142.308



30, 5.271, 138.715



49, 73.250, 134.525



2, 3.551, 139.111

Inverse Universe

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



29, 75.393, 321.324



38, 92.834, 321.054



32, 59.912, 343.721



28, 5.298, 319.486



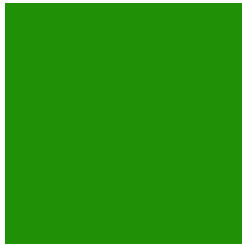
27, 73.322, 321.227



1, 3.551, 319.107

Previews

White Background



This preview shows how the CIELCh color 52, 75.243, 134.587 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, 75.243, 134.587 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, 75.243, 134.587

Background



This preview shows how black text looks on a background with the CIELCh color 52, 75.243, 134.587.



This preview shows how white text looks on a background with the CIELCh color 52, 75.243, 134.587.

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, 75.481, 134.612

Protanopia
52, 57.312, 95.582

Deuteranopia
52, 50.200, 82.394



Tritanopia
52, 21.640, 214.838

Trichromacy



Original Color
52, 75.481, 134.612



Protanomaly
51, 60.758, 116.441



Deuteranomaly
50, 53.801, 111.911



Tritanomaly
51, 39.000, 156.189

Monochromacy



Original Color
52, 75.481, 134.612



Achromatopsia
40, 0.006, 296.813



Achromatomaly
44, 34.141, 136.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 75.243, 134.587 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(32, 144, 6)` looks like.

```
.text, #text, p{  
    color:rgb(32, 144, 6)  
}
```

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(32, 144, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 144, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 75.243, 134.587 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(32, 144, 6) }
```

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

```
.border{ border-color:rgb(32, 144, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 144, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 144, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 144, 6);  
box-shadow:4px 4px 4px 4px rgb(32, 144, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 75.243, 134.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 144, 6) }
```

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

```
.background{ background-color: rgb(32, 144,  
6) }
```

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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