

Converting Colors

CIELCh(57, 83.403, 135.675)

Have a look what the booklet for
CIELCh(57, 83.403, 135.675)
contains.

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Color

CIELCh(57, 83.373, 135.686)

Conversions

Conversions Part 1

Format	Color
Hex	0E9F02
RGB	14, 159, 2
RGB Percent	5%, 62%, 1%
CMY	0.9441, 0.3762, 0.9915
CMYK	0.91, 0.00, 0.99, 0.38
HSL	115°, 97%, 32%
HSV	115°, 99%, 62%
XYZ	12.6081, 24.9227, 4.2079
YIQ	97.7470, -36.0230, -79.5670

Conversions

Conversions Part 2

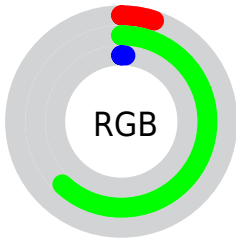
Format	Color
R_{YB}	2, 159, 147
Decimal	958210
CIE _{Lab}	57.00, -59.66, 58.24
CIE _{LCh}	57, 83.373, 135.686
Yxy	24.9227, 0.3021, 0.5971
Android (android.graphics.Color)	4279148290 (0xFF0E9F02)
YUV	97.7470, -47.2033, -73.4461
Hunter-Lab	49.9226, -42.2840, 29.9483

Details

The CIELCh color **57, 83.373, 135.686** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **36, 81.272, 325.280**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 83.348, 135.685**, and **38, 62.800, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **57, 83.730, 135.629**, and if you desaturate by 10%, it is **57, 80.325, 135.944**.

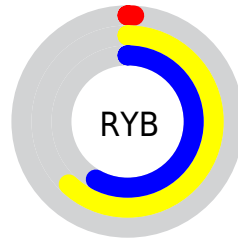
Distribution



Red (5%)

Green (62%)

Blue (1%)



Red (1%)

Yellow (62%)

Blue (58%)

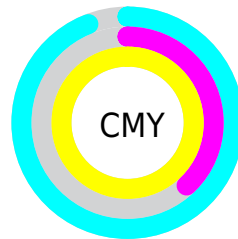


Cyan (91%)

Magenta (0%)

Yellow (99%)

Black (38%)



Cyan (94%)


Magenta (38%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 83.373, 135.686 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 57, 83.373, 135.686 by changing the saturation by 10% instead.


 57, 83.373,
135.686


 57, 83.373,
135.686


 100, 83.373,
135.686


 47, 83.373,
135.686


 77, 83.373,
135.686

 37, 83.373,
135.686

 87, 83.373,
135.686

 27, 83.373,
135.686

 97, 83.373,
135.686

 17, 83.373,
135.686

 7, 83.373, 135.686

 0, 83.373, 135.686

■ 57, 83.373,
135.686

■ 57, 83.373,
135.686

■ 57, 83.730,
135.629

■ 57, 80.325,
135.944

■ 58, 75.371,
136.446

■ 58, 68.538,
137.203

■ 59, 60.240,
138.089

■ 59, 50.896,
138.995

■ 60, 40.859,
139.855

■ 61, 30.414,
140.636

■ 63, 19.780,

141.326

■ 64, 9.122, 141.933

Harmonies

Complementary

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



57, 83.373, 135.686



36, 81.272, 325.280

Rectangle

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



57, 83.373, 135.686



57, 83.373, 185.686



57, 83.373, 315.686



57, 83.373, 5.686

Sweetspot

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



57, 83.372, 135.687



78, 39.396, 140.492



60, 63.929, 97.387



41, 27.053, 140.186



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 83.372, 135.687



73, 101.771, 135.720



57, 66.866, 145.871



33, 5.944, 141.898



51, 77.317, 135.580



3, 7.760, 142.468

Inverse Universe

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



36, 81.272, 325.280



46, 99.057, 325.209



34, 60.950, 353.551



31, 5.961, 322.787



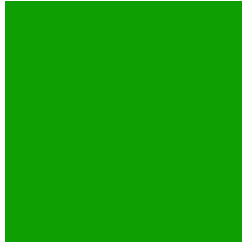
32, 75.387, 325.291



1, 7.711, 321.888

Previews

White Background



This preview shows how the CIELCh color 57, 83.373, 135.686 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 57, 83.373, 135.686 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 57, 83.373, 135.686

Background



This preview shows how black text looks on a background with the CIELCh color 57, 83.373, 135.686.



This preview shows how white text looks on a background with the CIELCh color 57, 83.373, 135.686.

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
57, 83.373, 135.686

Protanopia
56, 61.313, 95.275

Deuteranopia
57, 53.995, 82.168



Tritanopia
57, 24.904, 213.461

Trichromacy



Original Color
57, 83.373, 135.686



Protanomaly
55, 66.209, 118.908



Deuteranomaly
54, 59.027, 114.920



Tritanomaly
56, 44.919, 157.264

Monochromacy



Original Color
57, 83.373, 135.686



Achromatopsia
42, 0.006, 296.813



Achromatomaly
46, 39.461, 138.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 83.373, 135.686 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(14, 159, 2)` looks like.

```
.text, #text, p{  
    color:rgb(14, 159, 2)  
}
```

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(14, 159, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 159, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 83.373, 135.686 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(14, 159, 2) }
```

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

```
.border{ border-color:rgb(14, 159, 2) }
```

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

Here you see how a box with a 4 pixel rgb(14, 159, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 159, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 159, 2);  
box-shadow:4px 4px 4px 4px rgb(14, 159, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 83.373, 135.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 159, 2) }
```

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

```
.background{ background-color: rgb(14, 159,  
2) }
```

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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