

Converting Colors

CIELCh(57, 73.279, 135.094)

Have a look what the booklet for
CIELCh(57, 73.279, 135.094)
contains.

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Color

CIELCh(57, 73.529, 135.125)

Conversions

Conversions Part 1

Format	Color
Hex	359D21
RGB	53, 157, 33
RGB Percent	21%, 62%, 13%
CMY	0.7929, 0.3849, 0.8712
CMYK	0.66, 0.00, 0.79, 0.38
HSL	110°, 65%, 37%
HSV	110°, 79%, 62%
XYZ	13.7613, 24.9227, 5.5114
YIQ	111.7680, -22.1800, -60.6120

Conversions

Conversions Part 2

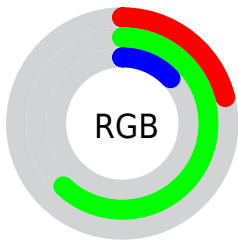
Format	Color
RYB	33, 157, 137
Decimal	3513633
CIELab	57.00, -52.11, 51.88
CIELCh	57, 73.529, 135.125
Yxy	24.9227, 0.3114, 0.5639
Android (android.graphics.Color)	4281703713 (0xFF359D21)
YUV	111.7680, -38.8326, -51.5395
Hunter-Lab	49.9226, -38.1606, 28.4003

Details


The CIELCh color **57, 73.529, 135.125** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **36, 73.851, 322.611**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 73.545, 135.126**, and **38, 61.962, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **57, 78.567, 134.929**, and if you desaturate by 10%, it is **57, 66.730, 135.617**.

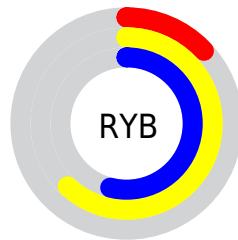
Distribution



 Red (21%)

 Green (62%)

 Blue (13%)




 Red (13%)

 Yellow (62%)

 Blue (54%)

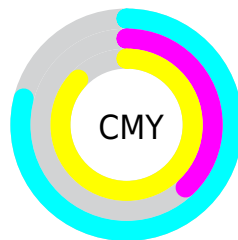


 Cyan (66%)

 Magenta (0%)

 Yellow (79%)

 Black (38%)



 Cyan (79%)


 Magenta (38%)


 Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 73.529, 135.125 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, 73.529, 135.125 by changing the saturation by 10% instead.


 57, 73.529,
135.125


 57, 73.529,
135.125


 100, 73.529,
135.125


 47, 73.529,
135.125


 77, 73.529,
135.125

 37, 73.529,
135.125

 87, 73.529,
135.125

 27, 73.529,
135.125

 97, 73.529,
135.125

 17, 73.529,
135.125

 7, 73.529, 135.125

 0, 73.529, 135.125

■ 57, 73.529,
135.125

■ 57, 73.529,
135.125

■ 57, 78.567,
134.929

■ 57, 66.730,
135.617

■ 56, 81.856,
134.978

■ 58, 58.581,
136.280

■ 56, 82.132,
134.967

■ 59, 49.486,
137.008

■ 60, 39.777,
137.729

■ 61, 29.709,
138.403

■ 62, 19.476,
139.012

■ 63, 9.222, 139.557

■ 65, 0.950, 319.810

■ 66, 10.964,
320.387

Harmonies

Complementary

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



57, 73.529, 135.125



36, 73.851, 322.611

Rectangle

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



57, 73.529, 135.125



57, 73.529, 185.125



57, 73.529, 315.125



57, 73.529, 5.125

Sweetspot

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



57, 73.529, 135.126



78, 30.392, 138.692



57, 54.210, 93.356



41, 20.830, 138.485



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 73.529, 135.126



72, 98.549, 135.033



57, 61.276, 146.470



33, 5.788, 139.548



52, 76.614, 134.898



3, 7.571, 140.205

Inverse Universe

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



36, 73.851, 322.611



43, 97.826, 322.246



37, 59.183, 343.221



31, 5.815, 320.355



29, 76.039, 322.212



1, 7.489, 319.108

Previews

White Background



This preview shows how the CIELCh color 57, 73.529, 135.125 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 CIE LCh color 57, 73.529, 135.125 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, 73.529, 135.125

Background



This preview shows how black text looks on a background with the CIELCh color 57, 73.529, 135.125.



This preview shows how white text looks on a background with the CIELCh color 57, 73.529, 135.125.

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, 73.529, 135.125

Protanopia
57, 55.390, 95.201

Deuteranopia
57, 49.543, 81.416



Tritanopia
57, 21.608, 216.291

Trichromacy



Original Color
57, 73.529, 135.125



Protanomaly
56, 58.566, 115.561



Deuteranomaly
55, 51.592, 110.170



Tritanomaly
56, 35.928, 159.177

Monochromacy



Original Color
57, 73.529, 135.125



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 30.435, 138.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 73.529, 135.125 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(53, 157, 33)` looks like.

```
.text, #text, p{  
    color:rgb(53, 157, 33)  
}
```

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(53, 157, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 157, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 73.529, 135.125 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(53, 157, 33) }
```

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

```
.border{ border-color:rgb(53, 157, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 157, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 157, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 157, 33);  
box-shadow:4px 4px 4px 4px rgb(53, 157,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 73.529, 135.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 157, 33) }
```

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

```
.background{ background-color: rgb(53, 157,  
33) }
```

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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