

Converting Colors

CIELCh(63, 51.390, 140.932)

Have a look what the booklet for
CIELCh(63, 51.390, 140.932)
contains.

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Color

CIELCh(63, 51.429, 140.907)

Conversions

Conversions Part 1

Format	Color
Hex	5CA95C
RGB	92, 169, 92
RGB Percent	36%, 66%, 36%
CMY	0.6378, 0.3358, 0.6379
CMYK	0.45, 0.00, 0.45, 0.34
HSL	120°, 31%, 51%
HSV	120°, 45%, 66%
XYZ	20.6540, 31.5869, 15.2114
YIQ	137.1990, -21.1750, -40.2710

Conversions

Conversions Part 2

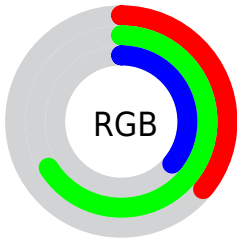
Format	Color
RYB	92, 169, 169
Decimal	6072668
CIELab	63.00, -39.92, 32.43
CIElCh	63, 51.429, 140.907
Yxy	31.5869, 0.3062, 0.4683
Android (android.graphics.Color)	4284262748 (0xFF5CA95C)
YUV	137.1990, -22.2831, -39.6395
Hunter-Lab	56.2022, -32.7562, 23.2944

Details

The CIELCh color **63, 51.429, 140.907** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **51, 51.256, 326.793**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 51.799, 140.914**, and **43, 51.246, 141.013** is the 20% darker color. If you saturate the color by 10%, you get **62, 61.604, 139.829**, and if you desaturate by 10%, it is **64, 40.528, 141.889**.

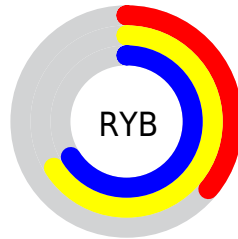
Distribution



Red (36%)

Green (66%)

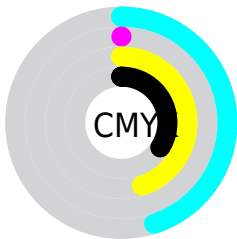
Blue (36%)



Red (36%)

Yellow (66%)

Blue (66%)

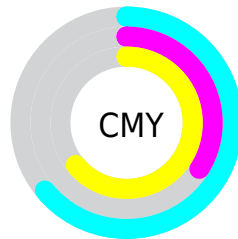


Cyan (45%)

Magenta (0%)

Yellow (45%)

Black (34%)



Cyan (64%)


Magenta (34%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 51.429, 140.907 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 63, 51.429, 140.907 by changing the saturation by 10% instead.


 63, 51.429,
140.907


 63, 51.429,
140.907


 100, 51.429,
140.907


 53, 51.429,
140.907


 83, 51.429,
140.907

 43, 51.429,
140.907

 93, 51.429,
140.907

 33, 51.429,
140.907

 23, 51.429,
140.907

 13, 51.429,
140.907

 3, 51.429, 140.907

 0, 51.429, 140.907

■ 63, 51.429,
140.907

■ 63, 51.429,
140.907

■ 62, 61.604,
139.829

■ 64, 40.528,
141.889

■ 61, 70.673,
138.709

■ 65, 29.207,
142.754

■ 61, 78.201,
137.643

■ 67, 17.712,
143.504

■ 61, 83.746,
136.769

■ 68, 6.230, 144.163

■ 60, 87.036,
136.212

■ 70, 5.104, 324.620

■ 60, 88.156,
136.014

■ 72, 16.197,
325.107

■ 74, 26.988,
325.499

■ 76, 37.445,
325.829

■ 79, 47.551,
326.110

Harmonies

Complementary

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



63, 51.429, 140.907



51, 51.256, 326.793

Rectangle

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



63, 51.429, 140.907



63, 51.429, 190.907



63, 51.429, 320.907



63, 51.429, 10.907

Sweetspot

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



63, 51.430, 140.907



85, 19.753, 143.589



67, 40.506, 105.156



44, 13.628, 143.445



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 51.430, 140.907



79, 75.268, 139.774



64, 35.747, 158.238



35, 6.419, 143.918



53, 79.797, 136.014



5, 11.670, 144.435

Inverse Universe

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



51, 51.256, 326.793



61, 74.680, 327.244



49, 37.439, 347.276



33, 6.429, 324.911



35, 76.994, 328.219



2, 11.671, 324.426

Previews

White Background



This preview shows how the CIELCh color 63, 51.429, 140.907 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 51.429, 140.907 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 ✓ Pass

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

CIELCh 63, 51.429, 140.907

Background



This preview shows how black text looks on a background with the CIELCh color 63, 51.429, 140.907.



This preview shows how white text looks on a background with the CIELCh color 63, 51.429, 140.907.

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
63, 51.429, 140.907

Protanopia
63, 36.632, 96.371

Deuteranopia
63, 31.166, 75.543



Tritanopia
63, 18.205, 221.828

Trichromacy



Original Color
63, 51.429, 140.907

Protanomaly
62, 38.846, 118.123

Deuteranomaly
62, 31.877, 110.504

Tritanomaly
63, 24.200, 171.142

Monochromacy



Original Color
63, 51.429, 140.907

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 19.388, 143.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 51.429, 140.907 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(92, 169, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 169, 92)  
}
```

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(92, 169, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 169, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 51.429, 140.907 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(92, 169, 92) }
```

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

```
.border{ border-color:rgb(92, 169, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 169, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 169, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 169, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 169,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 51.429, 140.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 169, 92) }
```

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

```
.background{ background-color: rgb(92, 169,  
92) }
```

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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