

Converting Colors

CIELCh(65, 56.026, 139.852)

Have a look what the booklet for
CIELCh(65, 56.026, 139.852)
contains.

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Color

CIELCh(65, 56.154, 139.838)

Conversions

Conversions Part 1

Format	Color
Hex	5DB05A
RGB	93, 176, 90
RGB Percent	36%, 69%, 35%
CMY	0.6359, 0.3104, 0.6476
CMYK	0.47, 0.00, 0.49, 0.31
HSL	118°, 35%, 52%
HSV	118°, 49%, 69%
XYZ	21.8346, 34.0472, 15.0632
YIQ	141.3790, -21.8620, -44.3420

Conversions

Conversions Part 2

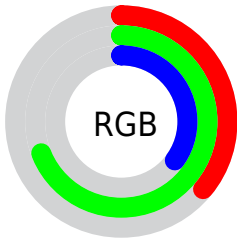
Format	Color
RYB	90, 176, 173
Decimal	6139994
CIELab	65.00, -42.91, 36.22
CIELCh	65, 56.154, 139.838
Yxy	34.0472, 0.3078, 0.4799
Android (android.graphics.Color)	4284330074 (0xFF5DB05A)
YUV	141.3790, -25.3298, -42.4284
Hunter-Lab	58.3500, -35.3177, 25.5391

Details

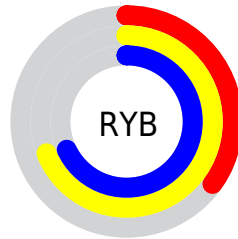
The CIELCh color **65, 56.154, 139.838** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **51, 56.071, 325.922**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 55.896, 140.001**, and **45, 56.358, 139.823** is the 20% darker color. If you saturate the color by 10%, you get **64, 66.268, 138.822**, and if you desaturate by 10%, it is **66, 45.208, 140.791**.

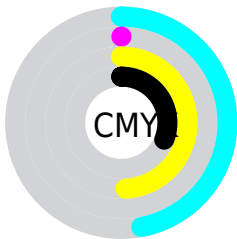
Distribution



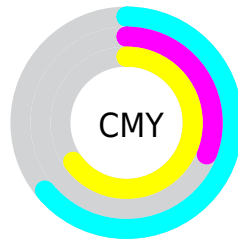
- Red (36%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)





- Cyan (64%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 56.154, 139.838 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 65, 56.154, 139.838 by changing the saturation by 10% instead.


 65, 56.154,
139.838


 65, 56.154,
139.838


 100, 56.154,
139.838


 55, 56.154,
139.838


 85, 56.154,
139.838

 45, 56.154,
139.838

 95, 56.154,
139.838

 35, 56.154,
139.838

 25, 56.154,
139.838

 15, 56.154,
139.838

 5, 56.154, 139.838

 0, 56.154, 139.838

■ 65, 56.154,
139.838

■ 65, 56.154,
139.838

■ 64, 66.268,
138.822

■ 66, 45.208,
140.791

■ 64, 75.140,
137.811

■ 67, 33.758,
141.645

■ 63, 82.305,
136.919

■ 69, 22.069,
142.394

■ 63, 87.323,
136.282

■ 70, 10.341,
143.046

■ 63, 90.182,
135.912

■ 72, 1.280, 323.393

■ 63, 90.450,
135.863

■ 74, 12.688,
324.016

■ 76, 23.817,
324.417

■ 78, 34.623,
324.753

■ 80, 45.087,
325.038

Harmonies

Complementary

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



65, 56.154, 139.838



51, 56.071, 325.922

Rectangle

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



65, 56.154, 139.838



65, 56.154, 189.838



65, 56.154, 319.838



65, 56.154, 9.838

Sweetspot

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



65, 56.155, 139.838



88, 21.724, 142.641



69, 43.398, 103.246



46, 14.817, 142.502



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 56.155, 139.838



82, 82.184, 138.705



66, 40.519, 156.142



36, 6.506, 143.022



54, 80.597, 135.832



6, 13.729, 143.688

Inverse Universe

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



51, 56.071, 325.922



61, 81.655, 326.340



50, 42.100, 345.801



34, 6.520, 323.974



35, 78.089, 326.888



2, 13.632, 323.071

Previews

White Background



This preview shows how the CIE LCh color 65, 56.154, 139.838 looks on a white background.

Color Contrast Check

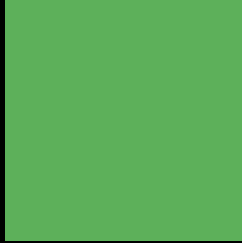
Large Text (above 18pt) WCAG AA × Fail

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 65, 56.154, 139.838 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 65, 56.154, 139.838

Background



This preview shows how black text looks on a background with the CIELCh color 65, 56.154, 139.838.



This preview shows how white text looks on a background with the CIELCh color 65, 56.154, 139.838.

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
65, 56.154, 139.838

Protanopia
65, 40.673, 95.723

Deuteranopia
65, 35.038, 76.472



Tritanopia
65, 19.229, 220.286

Trichromacy



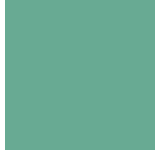
Original Color
65, 56.154, 139.838



Protanomaly
64, 43.182, 117.136



Deuteranomaly
64, 35.348, 109.132



Tritanomaly
65, 26.957, 168.757

Monochromacy



Original Color
65, 56.154, 139.838



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 21.810, 142.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 56.154, 139.838 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(93, 176, 90)` looks like.

```
.text, #text, p{  
    color:rgb(93, 176, 90)  
}
```

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(93, 176, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 176, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 56.154, 139.838 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(93, 176, 90) }
```

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

```
.border{ border-color:rgb(93, 176, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 176, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 176, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 176, 90);  
box-shadow:4px 4px 4px 4px rgb(93, 176,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 56.154, 139.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 176, 90) }
```

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

```
.background{ background-color: rgb(93, 176,  
90) }
```

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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