

Converting Colors

CIELCh(79, 66.054, 149.112)

Have a look what the booklet for
CIELCh(79, 66.054, 149.112)
contains.

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Color

CIELCh(79, 65.665, 149.302)

Conversions

Conversions Part 1

Format	Color
Hex	54DC82
RGB	84, 220, 130
RGB Percent	33%, 86%, 51%
CMY	0.6688, 0.1356, 0.4887
CMYK	0.62, 0.00, 0.41, 0.14
HSL	140°, 66%, 60%
HSV	140°, 62%, 86%
XYZ	33.4522, 54.9284, 30.0889
YIQ	169.0760, -52.1660, -56.8220

Conversions

Conversions Part 2

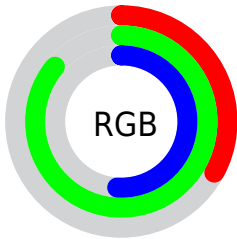
Format	Color
R_{YB}	84, 186, 220
Decimal	5561474
CIE _{Lab}	79.00, -56.46, 33.52
CIE _{LCh}	79, 65.665, 149.302
Yxy	54.9284, 0.2824, 0.4637
Android (android.graphics.Color)	4283751554 (0xFF54DC82)
YUV	169.0760, -19.2645, -74.6117
Hunter-Lab	74.1137, -49.1307, 27.8089

Details

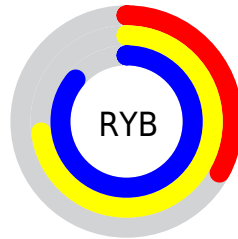
The CIELCh color **79, 65.665, 149.302** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **57, 65.818, 341.328**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 52.635, 152.524**, and **59, 64.902, 148.466** is the 20% darker color. If you saturate the color by 10%, you get **78, 74.308, 147.636**, and if you desaturate by 10%, it is **80, 56.128, 150.773**.

Distribution



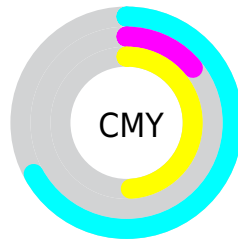
- Red (33%)
- Green (86%)
- Blue (51%)



- Red (33%)
- Yellow (73%)
- Blue (86%)



- Cyan (62%)
- Magenta (0%)
- Yellow (41%)
- Black (14%)





- Cyan (67%)
- Magenta (14%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 65.665, 149.302 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 79, 65.665, 149.302 by changing the saturation by 10% instead.


 79, 65.665,
149.302


 79, 65.665,
149.302


 100, 65.665,
149.302


 69, 65.665,
149.302


 99, 65.665,
149.302

 59, 65.665,
149.302

 49, 65.665,
149.302

 39, 65.665,
149.302

 29, 65.665,
149.302

 19, 65.665,
149.302

 9, 65.665, 149.302

0, 65.665, 149.302

79, 65.665,
149.302

79, 65.665,
149.302

78, 74.308,
147.636

80, 56.128,
150.773

78, 81.902,
145.783

81, 45.887,
152.058

77, 88.362,
143.780

82, 35.152,
153.178

77, 92.933,
142.101

84, 24.122,
154.155

86, 12.972,
155.017

88, 1.848, 155.938

■ 90, 9.139, 336.352

■ 91, 18.500,
332.340

■ 92, 21.651,
325.178

Harmonies

Complementary

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



79, 65.665, 149.302



57, 65.818, 341.328

Rectangle

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



79, 65.665, 149.302



79, 65.665, 199.302



79, 65.665, 329.302



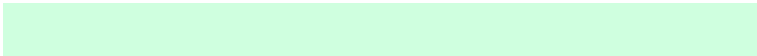
79, 65.665, 19.302

Sweetspot

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



79, 65.666, 149.302



96, 23.794, 154.382



82, 69.465, 119.964



51, 16.376, 154.122



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 65.666, 149.302



89, 85.565, 147.112



80, 42.147, 179.753



45, 6.274, 155.200



62, 77.064, 142.462



15, 27.954, 147.221

Inverse Universe

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



57, 65.818, 341.328



61, 83.396, 343.082



55, 57.002, 15.834



43, 6.312, 336.485



38, 67.629, 347.635



6, 27.348, 343.466

Previews

White Background



This preview shows how the CIELCh color 79, 65.665, 149.302 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 79, 65.665, 149.302 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 79, 65.665, 149.302

Background



This preview shows how black text looks on a background with the CIELCh color 79, 65.665, 149.302.

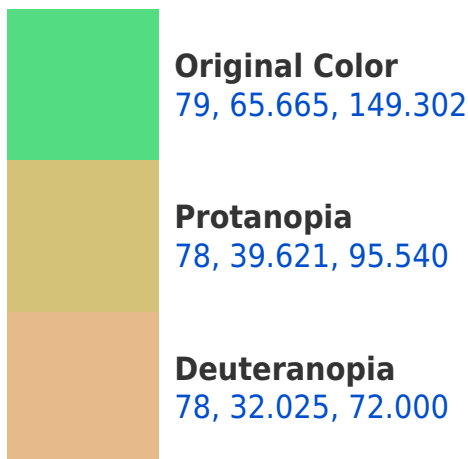


This preview shows how white text looks on a background with the CIELCh color 79, 65.665, 149.302.

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





Tritanopia
79, 29.365, 215.751

Trichromacy



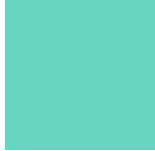
Original Color
79, 65.665, 149.302



Protanomaly
78, 44.445, 126.333



Deuteranomaly
77, 34.735, 121.072



Tritanomaly
79, 36.887, 178.072

Monochromacy



Original Color
79, 65.665, 149.302



Achromatopsia
69, 0.009, 296.813



Achromatomaly
72, 25.940, 153.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 65.665, 149.302 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(84, 220, 130)` looks like.

```
.text, #text, p{  
    color:rgb(84, 220, 130)  
}
```

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(84, 220, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 220, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 65.665, 149.302 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(84, 220, 130) }
```

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

```
.border{ border-color:rgb(84, 220, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 220, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 220, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 220, 130);  
box-shadow:4px 4px 4px 4px rgb(84, 220,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 65.665, 149.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 220, 130) }
```

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

```
.background{ background-color: rgb(84, 220,  
130) }
```

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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