

Converting Colors

CIELCh(79, 65.875, 135.819)

Have a look what the booklet for
CIELCh(79, 65.875, 135.819)
contains.

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Color

CIELCh(79, 65.605, 135.828)

Conversions

Conversions Part 1

Format	Color
Hex	80D86A
RGB	128, 216, 106
RGB Percent	50%, 85%, 42%
CMY	0.4968, 0.1517, 0.5832
CMYK	0.41, 0.00, 0.51, 0.15
HSL	108°, 59%, 63%
HSV	108°, 51%, 85%
XYZ	36.1986, 54.9284, 22.4070
YIQ	177.1480, -17.1380, -52.8660

Conversions

Conversions Part 2

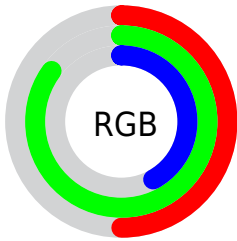
Format	Color
RYB	106, 216, 194
Decimal	8444010
CIELab	79.00, -47.06, 45.71
CIELCh	79, 65.605, 135.828
Yxy	54.9284, 0.3188, 0.4838
Android (android.graphics.Color)	4286634090 (0xFF80D86A)
YUV	177.1480, -35.0760, -43.1028
Hunter-Lab	74.1137, -42.5160, 33.9543

Details

The CIELCh color **79, 65.605, 135.828** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 66.894, 320.951**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 55.017, 134.715**, and **59, 65.600, 135.800** is the 20% darker color. If you saturate the color by 10%, you get **78, 77.019, 135.175**, and if you desaturate by 10%, it is **80, 53.300, 136.511**.

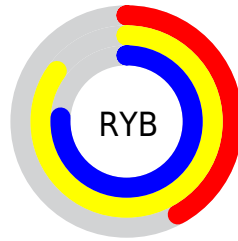
Distribution



Red (50%)

Green (85%)

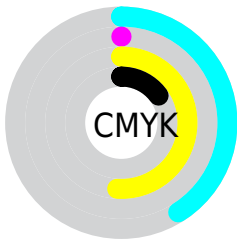
Blue (42%)



Red (42%)

Yellow (85%)

Blue (76%)

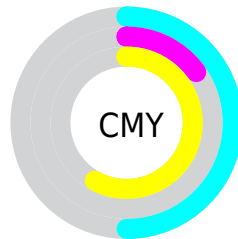


Cyan (41%)

Magenta (0%)

Yellow (51%)

Black (15%)



Cyan (50%)


Magenta (15%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 65.605, 135.828 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, 65.605, 135.828 by changing the saturation by 10% instead.

 79, 65.605,
135.828

 79, 65.605,
135.828


 100, 65.605,
135.828


 69, 65.605,
135.828

 99, 65.605,
135.828

 59, 65.605,
135.828

 49, 65.605,
135.828

 39, 65.605,
135.828

 29, 65.605,
135.828

 19, 65.605,
135.828

 9, 65.605, 135.828

0, 65.605, 135.828

79, 65.605,
135.828

79, 65.605,
135.828

78, 77.019,
135.175

80, 53.300,
136.511

77, 87.067,
134.639

81, 40.462,
137.168

77, 95.188,
134.345

83, 27.363,
137.772

76, 100.868,
134.416

85, 14.200,
138.316

76, 103.993,
134.748

86, 1.115, 138.968

88, 11.790,
319.158

■ 90, 23.233,
321.152

■ 91, 24.233,
325.268

Harmonies

Complementary

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



79, 65.605, 135.828



59, 66.894, 320.951

Rectangle

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



79, 65.605, 135.828



79, 65.605, 185.828



79, 65.605, 315.828



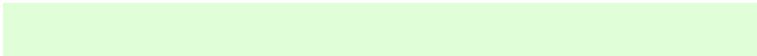
79, 65.605, 5.828

Sweetspot

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



79, 65.606, 135.829



97, 22.447, 138.090



78, 46.206, 93.200



51, 15.325, 137.974



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, 65.606, 135.829



90, 88.064, 135.132



79, 56.882, 148.813



44, 7.353, 138.390



61, 87.047, 134.596



14, 30.361, 137.103

Inverse Universe

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



59, 66.894, 320.951



63, 89.786, 321.236



60, 57.164, 337.505



42, 7.394, 319.205



34, 87.224, 320.740



5, 31.514, 320.701

Previews

White Background



This preview shows how the CIELCh color 79, 65.605, 135.828 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, 65.605, 135.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

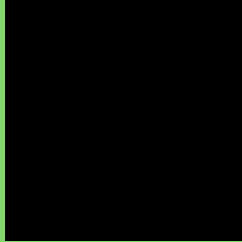
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 65.605, 135.828

Background



This preview shows how black text looks on a background with the CIELCh color 79, 65.605, 135.828.



This preview shows how white text looks on a background with the CIELCh color 79, 65.605, 135.828.

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](#).

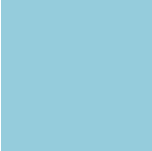
Dichromacy



Original Color
79, 65.605, 135.828

Protanopia
79, 50.425, 95.742

Deuteranopia
79, 44.167, 77.509



Tritanopia
79, 19.481, 224.486

Trichromacy



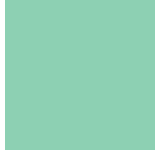
Original Color
79, 65.605, 135.828



Protanomaly
78, 52.432, 114.602



Deuteranomaly
78, 44.701, 106.023

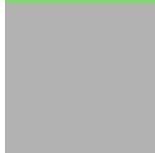


Tritanomaly
78, 28.437, 164.302

Monochromacy



Original Color
79, 65.605, 135.828



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 24.823, 137.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 65.605, 135.828 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(128, 216, 106)` looks like.

```
.text, #text, p{  
    color:rgb(128, 216, 106)  
}
```

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(128, 216, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 216, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 65.605, 135.828 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(128, 216, 106) }
```

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

```
.border{ border-color:rgb(128, 216, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 216, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 216, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 216, 106);  
box-shadow:4px 4px 4px 4px rgb(128, 216,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 65.605, 135.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 216, 106) }
```

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

```
.background{ background-color: rgb(128,  
216, 106) }
```

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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