

Converting Colors

CIELCh(65, 82.464, 126.759)

Have a look what the booklet for
CIELCh(65, 82.464, 126.759)
contains.

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Color

CIELCh(65, 81.924, 126.725)

Conversions

Conversions Part 1

Format	Color
Hex	5FB101
RGB	95, 177, 1
RGB Percent	37%, 69%, 0%
CMY	0.6259, 0.3044, 0.9965
CMYK	0.46, 0.00, 0.99, 0.30
HSL	88°, 99%, 35%
HSV	88°, 99%, 70%
XYZ	20.5608, 34.0472, 5.5134
YIQ	132.4180, 7.6240, -72.1200

Conversions

Conversions Part 2

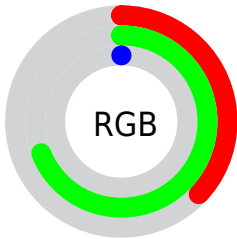
Format	Color
RYB	1, 177, 83
Decimal	6271233
CIELab	65.00, -48.99, 65.66
CIELCh	65, 81.924, 126.725
Yxy	34.0472, 0.3420, 0.5663
Android (android.graphics.Color)	4284461313 (0xFF5FB101)
YUV	132.4180, -64.7891, -32.8156
Hunter-Lab	58.3500, -39.2142, 35.2427

Details

The CIELCh color **65, 81.924, 126.725** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **27, 95.491, 311.171**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 81.473, 126.760**, and **45, 67.696, 133.673** is the 20% darker color. If you saturate the color by 10%, you get **65, 82.089, 126.773**, and if you desaturate by 10%, it is **65, 78.481, 125.761**.

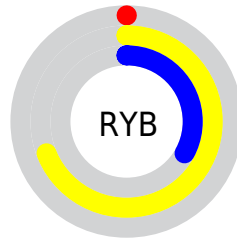
Distribution



Red (37%)

Green (69%)

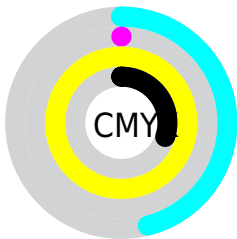
Blue (0%)



Red (0%)

Yellow (69%)

Blue (33%)

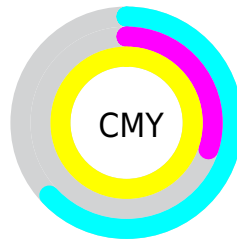


Cyan (46%)

Magenta (0%)

Yellow (99%)

Black (30%)



Cyan (63%)


Magenta (30%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 81.924, 126.725 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, 81.924, 126.725 by changing the saturation by 10% instead.

 65, 81.924,
126.725


 65, 81.924,
126.725


 100, 81.924,
126.725


 55, 81.924,
126.725


 85, 81.924,
126.725

 45, 81.924,
126.725

 95, 81.924,
126.725

 35, 81.924,
126.725

 25, 81.924,
126.725

 15, 81.924,
126.725

 5, 81.924, 126.725

 0, 81.924, 126.725

■ 65, 81.924,
126.725

■ 65, 81.924,
126.725

■ 65, 82.089,
126.773

■ 65, 78.481,
125.761

■ 66, 73.377,
125.190

■ 66, 66.556,
125.039

■ 67, 58.434,
125.187

■ 68, 49.422,
125.520

■ 69, 39.842,
125.955

■ 69, 29.922,
126.435

■ 70, 19.820,

126.924

■ 71, 9.646, 127.403

Harmonies

Complementary

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



65, 81.924, 126.725



27, 95.491, 311.171

Rectangle

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



65, 81.924, 126.725



65, 81.924, 176.725



65, 81.924, 306.725



65, 81.924, 356.725

Sweetspot

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



65, 81.924, 126.726



87, 37.514, 126.386



46, 66.077, 56.871



46, 25.516, 126.186



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, 81.924, 126.726



82, 99.790, 127.053



63, 90.826, 135.821



37, 5.785, 127.411



57, 73.483, 126.580



7, 14.382, 131.636

Inverse Universe

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



27, 95.491, 311.171



36, 116.292, 310.965



41, 88.137, 326.281



35, 5.868, 308.237



22, 85.730, 311.285



1, 13.765, 304.094

Previews

White Background



This preview shows how the CIELCh color 65, 81.924, 126.725 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, 81.924, 126.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

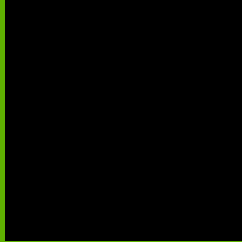
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 81.924, 126.725

Background



This preview shows how black text looks on a background with the CIELCh color 65, 81.924, 126.725.



This preview shows how white text looks on a background with the CIELCh color 65, 81.924, 126.725.

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, 81.811, 126.767

Protanopia

65, 68.130, 95.035

Deuteranopia

65, 61.909, 82.553



Tritanopia
65, 17.111, 223.389

Trichromacy



Original Color
65, 81.811, 126.767



Protanomaly
64, 70.173, 109.125



Deuteranomaly
64, 64.384, 102.820



Tritanomaly
64, 38.035, 143.772

Monochromacy



Original Color
65, 81.811, 126.767



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 37.538, 125.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 81.924, 126.725 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(95, 177, 1)` looks like.

```
.text, #text, p{  
    color:rgb(95, 177, 1)  
}
```

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(95, 177, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 177, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 81.924, 126.725 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(95, 177, 1) }
```

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

```
.border{ border-color:rgb(95, 177, 1) }
```

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

Here you see how a box with a 4 pixel rgb(95, 177, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 177, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 177, 1);  
box-shadow:4px 4px 4px 4px rgb(95, 177, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 81.924, 126.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 177, 1) }
```

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

```
.background{ background-color: rgb(95, 177,  
1) }
```

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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