

Converting Colors

CIELCh(65, 13.016, 144.443)

Have a look what the booklet for
CIELCh(65, 13.016, 144.443)
contains.

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Color

CIELCh(65, 13.129, 145.089)

Conversions

Conversions Part 1

Format	Color
Hex	8FA390
RGB	143, 163, 144
RGB Percent	56%, 64%, 56%
CMY	0.4392, 0.3608, 0.4353
CMYK	0.12, 0.00, 0.12, 0.36
HSL	123°, 10%, 60%
HSV	123°, 12%, 64%
XYZ	29.4585, 34.0472, 31.4041
YIQ	154.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

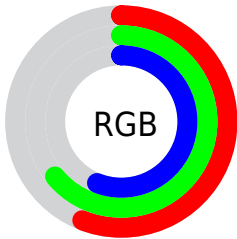
Format	Color
RYB	143, 162, 163
Decimal	9413520
CIELab	65.00, -10.77, 7.51
CIELCh	65, 13.129, 145.089
Yxy	34.0472, 0.3104, 0.3587
Android (android.graphics.Color)	4287603600 (0xFF8FA390)
YUV	154.8540, -5.3510, -10.3960
Hunter-Lab	58.3500, -11.9952, 8.9349

Details

The CIELCh color $65, 13.129, 145.089$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 13.150, 326.466$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.061, 145.185$, and $45, 12.639, 145.013$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.913, 144.365$, and if you desaturate by 10%, it is $67, 2.408, 145.778$.

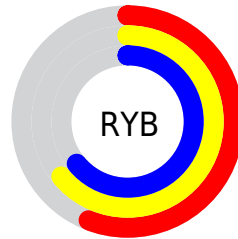
Distribution



Red (56%)

Green (64%)

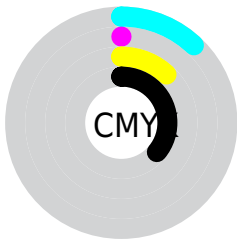
Blue (56%)



Red (56%)

Yellow (64%)

Blue (64%)

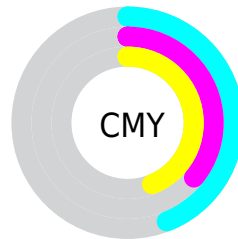


Cyan (12%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (44%)


Magenta (36%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 13.129, 145.089 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, 13.129, 145.089 by changing the saturation by 10% instead.


 65, 13.129,
145.089


 65, 13.129,
145.089


 100, 13.129,
145.089


 55, 13.129,
145.089


 85, 13.129,
145.089

 45, 13.129,
145.089

 95, 13.129,
145.089

 35, 13.129,
145.089

 25, 13.129,
145.089

 15, 13.129,
145.089

 5, 13.129, 145.089

 0, 13.129, 145.089

65, 13.129,
145.089

65, 13.129,
145.089

64, 23.913,
144.365

67, 2.408, 145.778

62, 34.604,
143.529

68, 8.146, 326.174

61, 45.006,
142.567

70, 18.455,
326.633

60, 54.873,
141.483

72, 28.474,
327.017

60, 63.908,
140.301

74, 38.177,
327.344

59, 71.771,
139.080

77, 47.553,
327.625

59, 78.098,
137.920

79, 56.267,
327.199

58, 82.559,

79, 57.339,
326.397

136.950

 58, 84.725,
136.486

Harmonies

Complementary

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



65, 13.129, 145.089



62, 13.150, 326.466

Rectangle

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



65, 13.129, 145.089



65, 13.129, 195.089



65, 13.129, 325.089



65, 13.129, 15.089

Sweetspot

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



65, 13.131, 145.089



84, 5.260, 145.633



66, 11.009, 110.392



45, 3.771, 145.582



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 13.131, 145.089



82, 19.882, 144.882



65, 9.228, 164.480



34, 6.047, 145.289



52, 77.767, 136.554



4, 9.408, 145.677

Inverse Universe

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



62, 13.150, 326.466



77, 19.908, 326.635



61, 9.396, 346.500



32, 6.058, 326.294



34, 73.154, 330.284



2, 9.276, 326.259

Previews

White Background



This preview shows how the CIELCh color 65, 13.129, 145.089 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, 13.129, 145.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

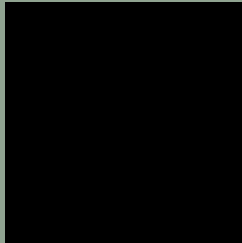
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

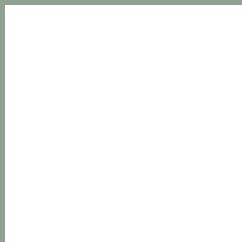
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 13.129, 145.089

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.129, 145.089.



This preview shows how white text looks on a background with the CIELCh color 65, 13.129, 145.089.

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, 13.129, 145.089

Protanopia
65, 9.280, 91.659

Deuteranopia
65, 10.565, 38.479



Tritanopia
65, 8.167, 261.724

Trichromacy



Original Color
65, 13.129, 145.089

Protanomaly
65, 9.486, 116.347

Deuteranomaly
65, 7.053, 79.093

Tritanomaly
65, 5.291, 211.204

Monochromacy



Original Color
65, 13.129, 145.089

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.753, 144.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.129, 145.089 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(143, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 144)  
}
```

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(143, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.129, 145.089 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(143, 163, 144) }
```

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

```
.border{ border-color:rgb(143, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.129, 145.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 144) }
```

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

```
.background{ background-color: rgb(143,  
163, 144) }
```

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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