

Converting Colors

CIELCh(65, 17.709, 131.836)

Have a look what the booklet for
CIELCh(65, 17.709, 131.836)
contains.

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Color

CIELCh(65, 17.568, 132.413)

Conversions

Conversions Part 1

Format	Color
Hex	91A386
RGB	145, 163, 134
RGB Percent	57%, 64%, 53%
CMY	0.4305, 0.3598, 0.4736
CMYK	0.11, 0.00, 0.18, 0.36
HSL	97°, 14%, 58%
HSV	97°, 18%, 64%
XYZ	29.1766, 34.0472, 27.6721
YIQ	154.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

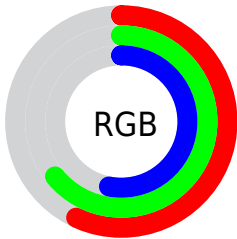
Format	Color
RYB	134, 163, 152
Decimal	9544582
CIELab	65.00, -11.85, 12.97
CIElCh	65, 17.568, 132.413
Yxy	34.0472, 0.3210, 0.3746
Android (android.graphics.Color)	4287734662 (0xFF91A386)
YUV	154.3120, -10.0138, -8.1666
Hunter-Lab	58.3500, -12.8575, 12.7270

Details

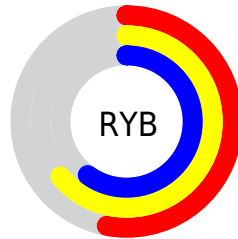
The CIELCh color **65, 17.568, 132.413** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 17.877, 313.906**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 17.742, 132.308**, and **45, 17.585, 132.437** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.454, 131.934**, and if you desaturate by 10%, it is **66, 7.661, 132.870**.

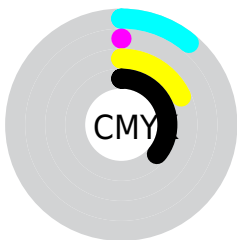
Distribution



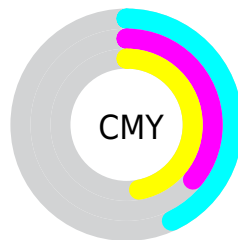
- Red (57%)
- Green (64%)
- Blue (53%)



- Red (53%)
- Yellow (64%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)





- Cyan (43%)
- Magenta (36%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.568, 132.413 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, 17.568, 132.413 by changing the saturation by 10% instead.


 65, 17.568,
132.413


 65, 17.568,
132.413


 100, 17.568,
132.413


 55, 17.568,
132.413


 85, 17.568,
132.413

 45, 17.568,
132.413

 95, 17.568,
132.413

 35, 17.568,
132.413

 25, 17.568,
132.413

 15, 17.568,
132.413

 5, 17.568, 132.413

 0, 17.568, 132.413

65, 17.568,
132.413

65, 17.568,
132.413

64, 27.454,
131.934

66, 7.661, 132.870

63, 37.207,
131.437

67, 2.197, 313.196

62, 46.679,
130.950

69, 11.950,
313.609

61, 55.660,
130.522

70, 21.559,
313.936

61, 63.858,
130.229

72, 30.999,
314.222

60, 70.897,
130.178

73, 40.252,
314.472

60, 76.367,
130.494

75, 49.310,
314.689

59, 80.137,

76, 53.475,
316.883

131.198

■ 77, 54.635,
320.335

■ 59, 80.897,
131.340

Harmonies

Complementary

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



65, 17.568, 132.413



58, 17.877, 313.906

Rectangle

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



65, 17.568, 132.413



65, 17.568, 182.413



65, 17.568, 312.413



65, 17.568, 2.413

Sweetspot

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



65, 17.570, 132.415



84, 6.080, 132.991



63, 10.931, 84.667



45, 4.183, 132.960



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, 17.570, 132.415



82, 25.658, 132.244



64, 18.214, 146.648



34, 5.578, 132.803



53, 74.174, 131.195



4, 8.761, 134.339

Inverse Universe

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



58, 17.877, 313.906



72, 26.197, 314.067



59, 18.250, 328.794



32, 5.635, 313.534



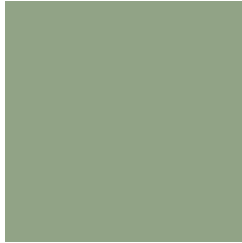
24, 79.889, 315.189



1, 8.561, 311.263

Previews

White Background



This preview shows how the CIELCh color 65, 17.568, 132.413 looks on a white background.

Color Contrast Check

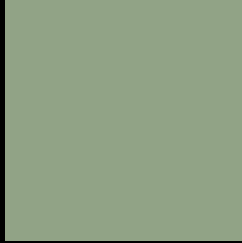
Large Text (above 18pt) WCAG AA × Fail

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, 17.568, 132.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

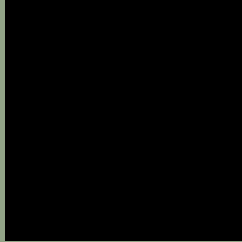
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

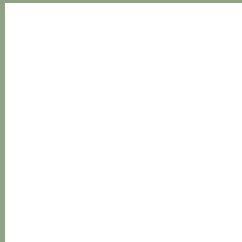
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.568, 132.413

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.568, 132.413.



This preview shows how white text looks on a background with the CIELCh color 65, 17.568, 132.413.

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](#).

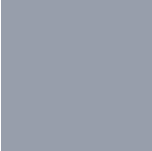
Dichromacy



Original Color
65, 17.568, 132.413

Protanopia
65, 14.839, 94.240

Deuteranopia
65, 14.240, 55.650



Tritanopia
65, 7.615, 271.339

Trichromacy



Original Color
65, 17.568, 132.413

Protanomaly
65, 14.911, 110.127

Deuteranomaly
65, 11.942, 87.031

Tritanomaly
65, 4.308, 184.162

Monochromacy



Original Color
65, 17.568, 132.413

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.707, 133.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.568, 132.413 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(145, 163, 134)` looks like.

```
.text, #text, p{  
    color:rgb(145, 163, 134)  
}
```

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(145, 163, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 163, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.568, 132.413 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(145, 163, 134) }
```

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

```
.border{ border-color:rgb(145, 163, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 163, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 163, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 163, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 163,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.568, 132.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 163, 134) }
```

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

```
.background{ background-color: rgb(145,  
163, 134) }
```

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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