

Converting Colors

CIELCh(65, 17.303, 117.762)

Have a look what the booklet for
CIELCh(65, 17.303, 117.762)
contains.

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Color

CIELCh(65, 17.322, 117.754)

Conversions

Conversions Part 1

Format	Color
Hex	9AA182
RGB	154, 161, 130
RGB Percent	60%, 63%, 51%
CMY	0.3955, 0.3680, 0.4896
CMYK	0.04, 0.00, 0.19, 0.37
HSL	74°, 14%, 57%
HSV	74°, 19%, 63%
XYZ	30.1693, 34.0472, 26.1551
YIQ	155.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

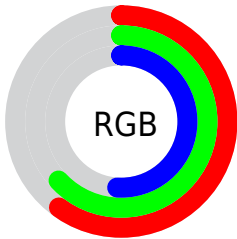
Format	Color
RYB	130, 161, 137
Decimal	10133890
CIELab	65.00, -8.07, 15.33
CIELCh	65, 17.322, 117.754
Yxy	34.0472, 0.3338, 0.3767
Android (android.graphics.Color)	4288323970 (0xFF9AA182)
YUV	155.3730, -12.5089, -1.2041
Hunter-Lab	58.3500, -9.8208, 14.2685

Details

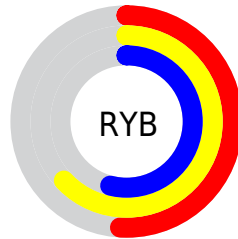
The CIELCh color $65, 17.322, 117.754$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $56, 18.020, 300.360$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.446, 117.443$, and $45, 17.355, 117.992$ is the 20% darker color. If you saturate the color by 10%, you get $64, 26.210, 117.109$, and if you desaturate by 10%, it is $66, 8.335, 118.406$.

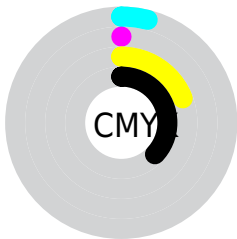
Distribution



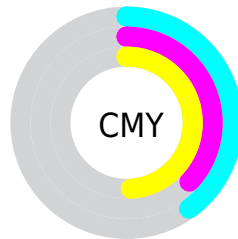
- Red (60%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)





- Cyan (40%)
- Magenta (37%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.322, 117.754 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, 17.322, 117.754 by changing the saturation by 10% instead.

 65, 17.322,
117.754


 65, 17.322,
117.754


 100, 17.322,
117.754


 55, 17.322,
117.754


 85, 17.322,
117.754

 45, 17.322,
117.754

 95, 17.322,
117.754

 35, 17.322,
117.754

 25, 17.322,
117.754

 15, 17.322,
117.754

 5, 17.322, 117.754

 0, 17.322, 117.754

65, 17.322,
117.754

65, 17.322,
117.754

64, 26.210,
117.109

66, 8.335, 118.406

64, 34.903,
116.479

66, 0.695, 299.008

67, 9.721, 299.638

63, 43.264,
115.902

68, 18.713,
300.214

63, 51.090,
115.424

69, 27.648,
300.757

63, 58.090,
115.110

70, 36.510,
301.264

62, 63.885,
115.046

71, 45.286,
301.737

62, 68.089,
115.326

71, 51.804,
302.381

62, 70.781,

115.936

72, 51.935,
303.624

62, 70.976,
115.981

Harmonies

Complementary

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



65, 17.322, 117.754



56, 18.020, 300.360

Rectangle

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



65, 17.322, 117.754



65, 17.322, 167.754



65, 17.322, 297.754



65, 17.322, 347.754

Sweetspot

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



65, 17.324, 117.758



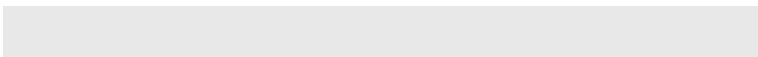
83, 6.689, 118.606



59, 10.683, 40.960



44, 4.428, 118.568



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 17.324, 117.758



82, 25.561, 117.485



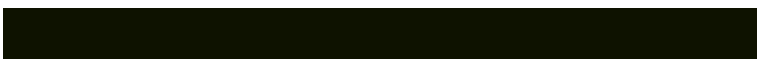
64, 19.353, 135.402



34, 5.155, 118.403



56, 65.770, 115.878



5, 8.108, 120.939

Inverse Universe

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



56, 18.020, 300.360



69, 26.835, 300.710



57, 19.614, 317.055



32, 5.257, 299.602



17, 86.231, 307.635



1, 8.040, 298.169

Previews

White Background



This preview shows how the CIELCh color 65, 17.322, 117.754 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, 17.322, 117.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

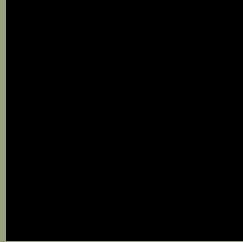
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

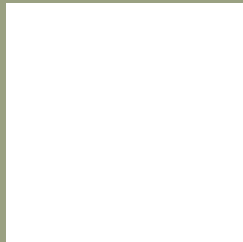
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.322, 117.754

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.322, 117.754.



This preview shows how white text looks on a background with the CIELCh color 65, 17.322, 117.754.

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, 17.322, 117.754

Protanopia

65, 16.550, 94.012

Deuteranopia

65, 16.774, 61.146



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 17.322, 117.754

Protanomaly
65, 16.585, 104.149

Deuteranomaly
65, 15.055, 81.011

Tritanomaly
65, 2.211, 109.917

Monochromacy



Original Color
65, 17.322, 117.754

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.216, 120.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.322, 117.754 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(154, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(154, 161, 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(154, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 161, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.322, 117.754 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(154, 161, 130) }
```

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

```
.border{ border-color:rgb(154, 161, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 161, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(154, 161,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.322, 117.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 161, 130) }
```

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

```
.background{ background-color: rgb(154,  
161, 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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