

Converting Colors

CIELCh(65, 10.267, 128.013)

Have a look what the booklet for
CIELCh(65, 10.267, 128.013)
contains.

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Color

CIELCh(65, 10.586, 128.591)

Conversions

Conversions Part 1

Format	Color
Hex	98A18F
RGB	152, 161, 143
RGB Percent	60%, 63%, 56%
CMY	0.4047, 0.3694, 0.4400
CMYK	0.06, 0.00, 0.11, 0.37
HSL	90°, 9%, 60%
HSV	90°, 11%, 63%
XYZ	30.5592, 34.0472, 30.8651
YIQ	156.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

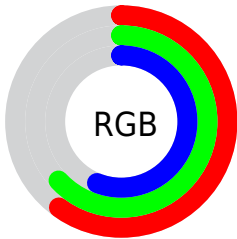
Format	Color
RYB	143, 161, 152
Decimal	10002831
CIELab	65.00, -6.60, 8.27
CIElCh	65, 10.586, 128.591
Yxy	34.0472, 0.3201, 0.3566
Android (android.graphics.Color)	4288192911 (0xFF98A18F)
YUV	156.2570, -6.5357, -3.7334
Hunter-Lab	58.3500, -8.6278, 9.4826

Details

The CIELCh color $65, 10.586, 128.591$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 10.753, 309.557$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.640, 129.614$, and $45, 10.793, 129.453$ is the 20% darker color. If you saturate the color by 10%, you get $64, 20.058, 128.127$, and if you desaturate by 10%, it is $66, 1.119, 129.111$.

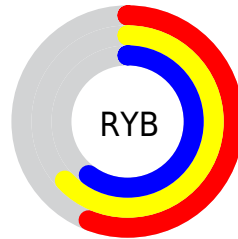
Distribution



Red (60%)

Green (63%)

Blue (56%)



Red (56%)

Yellow (63%)

Blue (60%)

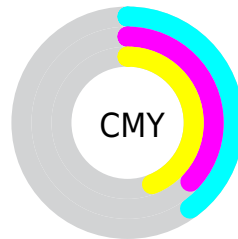


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (40%)


Magenta (37%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.586, 128.591 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, 10.586, 128.591 by changing the saturation by 10% instead.


 65, 10.586,
128.591


 65, 10.586,
128.591


 100, 10.586,
128.591


 55, 10.586,
128.591


 85, 10.586,
128.591

 45, 10.586,
128.591

 95, 10.586,
128.591

 35, 10.586,
128.591

 25, 10.586,
128.591

 15, 10.586,
128.591

 5, 10.586, 128.591

 0, 10.586, 128.591

65, 10.586,
128.591

65, 10.586,
128.591

64, 20.058,
128.127

66, 1.119, 129.111

63, 29.455,
127.648

67, 8.295, 309.414

62, 38.671,
127.179

68, 17.616,
309.789

62, 47.554,
126.756

70, 26.816,
310.125

61, 55.882,
126.437

71, 35.877,
310.426

60, 63.351,
126.309

72, 44.786,
310.695

60, 69.577,
126.488

74, 53.362,
310.990

59, 74.192,

74, 54.014,
313.741

127.090

■ 75, 54.775,
316.465

■ 59, 77.143,
127.874

Harmonies

Complementary

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



65, 10.586, 128.591



61, 10.753, 309.557

Rectangle

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



65, 10.586, 128.591



65, 10.586, 178.591



65, 10.586, 308.591



65, 10.586, 358.591

Sweetspot

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



65, 10.588, 128.594



83, 3.502, 128.977



63, 6.143, 74.033



44, 2.651, 128.937



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, 10.588, 128.594



82, 15.235, 128.500



64, 12.248, 143.805



34, 5.414, 128.682



54, 71.545, 127.733



4, 8.526, 130.699

Inverse Universe

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



61, 10.753, 309.557



76, 15.511, 309.654



61, 12.264, 325.025



32, 5.486, 309.467



22, 81.917, 312.115



1, 8.355, 307.408

Previews

White Background



This preview shows how the CIELCh color 65, 10.586, 128.591 looks on a white background.

Color Contrast Check

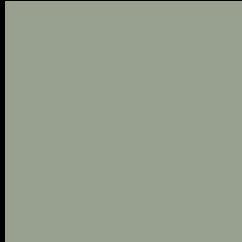
Large Text (above 18pt) WCAG AA × Fail

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, 10.586, 128.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

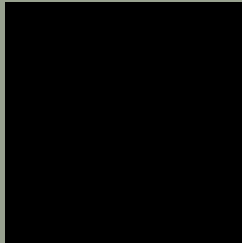
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

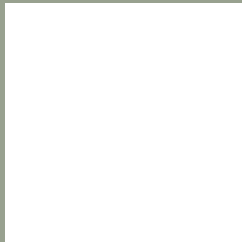
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.586, 128.591

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.586, 128.591.



This preview shows how white text looks on a background with the CIELCh color 65, 10.586, 128.591.

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, 10.586, 128.591

Protanopia
65, 9.280, 91.659

Deuteranopia
65, 11.165, 40.472



Tritanopia
65, 6.680, 287.719

Trichromacy



Original Color
65, 10.586, 128.591

Protanomaly
65, 8.883, 104.090

Deuteranomaly
65, 8.002, 69.106

Tritanomaly
65, 1.606, 219.835

Monochromacy



Original Color
65, 10.586, 128.591

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 4.191, 131.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.586, 128.591 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(152, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 161, 143)  
}
```

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(152, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 161, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.586, 128.591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

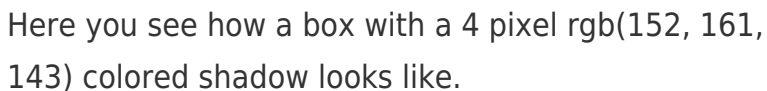
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 161, 143) }
```

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

```
.border{ border-color:rgb(152, 161, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 161, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 161, 143); box-shadow:4px 4px 4px 4px rgb(152, 161, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.586, 128.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 161, 143) }
```

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

```
.background{ background-color: rgb(152,  
161, 143) }
```

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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