

Converting Colors

CIELCh(65, 24.973, 139.223)

Have a look what the booklet for
CIELCh(65, 24.973, 139.223)
contains.

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Color

CIELCh(65, 25.183, 138.952)

Conversions

Conversions Part 1

Format	Color
Hex	86A780
RGB	134, 167, 128
RGB Percent	53%, 65%, 50%
CMY	0.4763, 0.3469, 0.4998
CMYK	0.20, 0.00, 0.23, 0.35
HSL	111°, 18%, 58%
HSV	111°, 23%, 65%
XYZ	27.3619, 34.0472, 25.3999
YIQ	152.6870, -7.1490, -19.1250

Conversions

Conversions Part 2

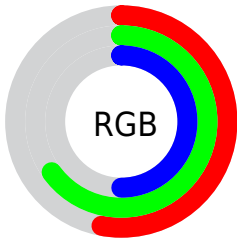
Format	Color
RYB	128, 167, 161
Decimal	8824704
CIELab	65.00, -18.99, 16.54
CIElCh	65, 25.183, 138.952
Yxy	34.0472, 0.3152, 0.3922
Android (android.graphics.Color)	4287014784 (0xFF86A780)
YUV	152.6870, -12.1707, -16.3885
Hunter-Lab	58.3500, -18.4089, 15.0359

Details

The CIELCh color $65, 25.183, 138.952$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $58, 25.387, 321.230$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.952, 138.748$, and $45, 24.983, 138.911$ is the 20% darker color. If you saturate the color by 10%, you get $64, 35.898, 138.303$, and if you desaturate by 10%, it is $66, 14.385, 139.533$.

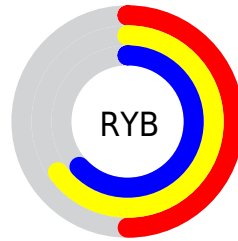
Distribution



Red (53%)

Green (65%)

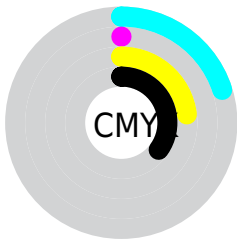
Blue (50%)



Red (50%)

Yellow (65%)

Blue (63%)

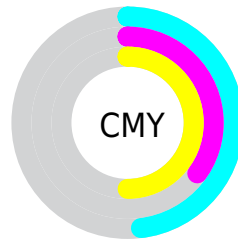


Cyan (20%)

Magenta (0%)

Yellow (23%)

Black (35%)



Cyan (48%)


Magenta (35%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.183, 138.952 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, 25.183, 138.952 by changing the saturation by 10% instead.


 65, 25.183,
138.952


 65, 25.183,
138.952


 100, 25.183,
138.952


 55, 25.183,
138.952


 85, 25.183,
138.952

 45, 25.183,
138.952

 95, 25.183,
138.952

 35, 25.183,
138.952

 25, 25.183,
138.952

 15, 25.183,
138.952

 5, 25.183, 138.952

 0, 25.183, 138.952

65, 25.183,
138.952

65, 25.183,
138.952

64, 35.898,
138.303

66, 14.385,
139.533

63, 46.351,
137.591

68, 3.629, 140.075

62, 56.306,
136.844

69, 6.990, 320.427

61, 65.455,
136.116

71, 17.408,
320.815

61, 73.406,
135.496

73, 27.583,
321.137

60, 79.713,
135.104

75, 37.489,
321.409


60, 83.991,
135.055

77, 47.114,
321.640

60, 85.965,

79, 53.912,
323.441

135.078

 80, 55.203,
326.326

Harmonies

Complementary

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



65, 25.183, 138.952



58, 25.387, 321.230

Rectangle

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



65, 25.183, 138.952



65, 25.183, 188.952



65, 25.183, 318.952



65, 25.183, 8.952

Sweetspot

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



65, 25.185, 138.953



85, 9.273, 139.869



66, 18.077, 99.746



45, 6.076, 139.839



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 25.185, 138.953



82, 37.329, 138.629



65, 20.801, 153.857



35, 6.111, 139.754



53, 78.705, 134.999



5, 11.195, 140.797

Inverse Universe

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



58, 25.387, 321.230



71, 37.681, 321.460



58, 21.038, 337.351



33, 6.138, 320.576



31, 77.945, 322.458



2, 10.956, 318.664

Previews

White Background



This preview shows how the CIELCh color 65, 25.183, 138.952 looks on a white background.

Color Contrast Check

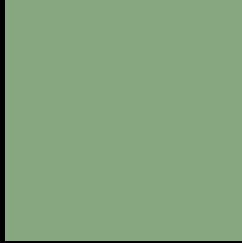
Large Text (above 18pt) WCAG AA × Fail

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, 25.183, 138.952 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, 25.183, 138.952

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.183, 138.952.

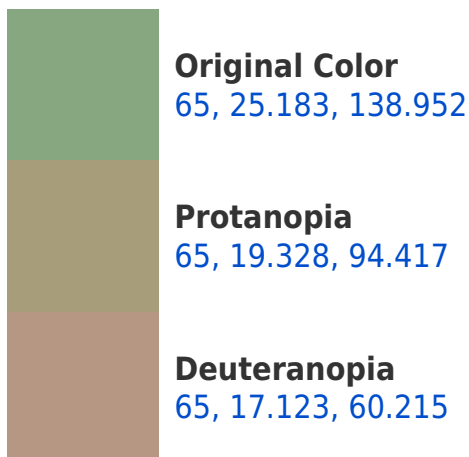


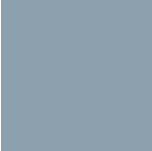
This preview shows how white text looks on a background with the CIELCh color 65, 25.183, 138.952.

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](#).

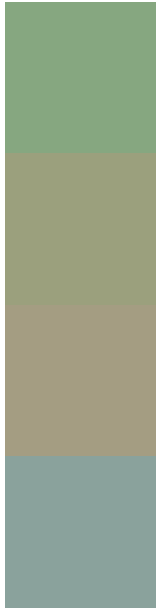
Dichromacy





Tritanopia
65, 9.772, 246.938

Trichromacy



Original Color
65, 25.183, 138.952

Protanomaly
65, 19.386, 114.160

Deuteranomaly
65, 15.197, 97.684

Tritanomaly
65, 9.603, 178.213

Monochromacy



Original Color
65, 25.183, 138.952

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.126, 140.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.183, 138.952 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(134, 167, 128)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 128)  
}
```

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(134, 167, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.183, 138.952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

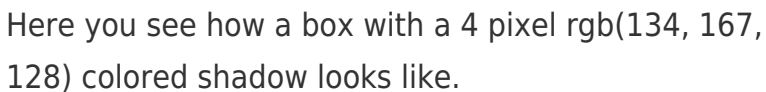
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 167, 128) }
```

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

```
.border{ border-color:rgb(134, 167, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 167, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 167, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 167, 128); box-shadow:4px 4px 4px 4px rgb(134, 167, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.183, 138.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 128) }
```

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

```
.background{ background-color: rgb(134,  
167, 128) }
```

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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