

Converting Colors

CIELCh(65, 21.771, 144.549)

Have a look what the booklet for
CIELCh(65, 21.771, 144.549)
contains.

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Color

CIELCh(65, 21.497, 144.843)

Conversions

Conversions Part 1

Format	Color
Hex	85A687
RGB	133, 166, 135
RGB Percent	52%, 65%, 53%
CMY	0.4781, 0.3487, 0.4703
CMYK	0.20, 0.00, 0.19, 0.35
HSL	124°, 16%, 59%
HSV	124°, 20%, 65%
XYZ	27.7156, 34.0472, 28.0619
YIQ	152.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

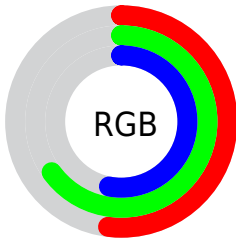
Format	Color
RYB	133, 164, 166
Decimal	8758919
CIELab	65.00, -17.58, 12.38
CIELCh	65, 21.497, 144.843
Yxy	34.0472, 0.3086, 0.3790
Android (android.graphics.Color)	4286948999 (0xFF85A687)
YUV	152.5990, -8.6763, -17.1883
Hunter-Lab	58.3500, -17.3268, 12.3309

Details

The CIELCh color $65, 21.497, 144.843$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $60, 21.524, 327.203$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 21.426, 144.284$, and $45, 21.571, 144.449$ is the 20% darker color. If you saturate the color by 10%, you get $64, 32.314, 144.031$, and if you desaturate by 10%, it is $67, 10.632, 145.547$.

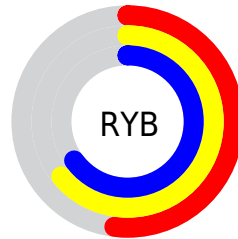
Distribution



Red (52%)

Green (65%)

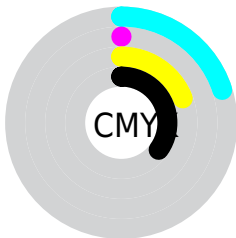
Blue (53%)



Red (52%)

Yellow (64%)

Blue (65%)

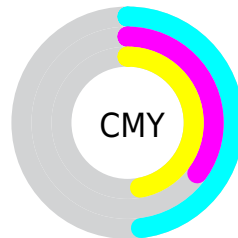


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.497, 144.843 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, 21.497, 144.843 by changing the saturation by 10% instead.


 65, 21.497,
144.843


 65, 21.497,
144.843


 100, 21.497,
144.843


 55, 21.497,
144.843


 85, 21.497,
144.843

 45, 21.497,
144.843

 95, 21.497,
144.843

 35, 21.497,
144.843

 25, 21.497,
144.843

 15, 21.497,
144.843

 5, 21.497, 144.843

 0, 21.497, 144.843

65, 21.497,
144.843

65, 21.497,
144.843

64, 32.314,
144.031

67, 10.632,
145.547

63, 42.892,
143.093

68, 0.144, 324.469

62, 52.999,
142.029

70, 10.729,
326.598

61, 62.352,
140.853

72, 21.055,
327.040

60, 70.627,
139.611

74, 31.080,
327.412

60, 77.469,
138.389

76, 40.782,
327.731


59, 82.535,
137.308

78, 50.154,
328.005

59, 85.696,

79, 55.479,
326.335

136.576

 59, 85.726,
136.571

Harmonies

Complementary

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



65, 21.497, 144.843



60, 21.524, 327.203

Rectangle

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



65, 21.497, 144.843



65, 21.497, 194.843



65, 21.497, 324.843



65, 21.497, 14.843

Sweetspot

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



65, 21.499, 144.843



85, 8.002, 145.795



67, 18.069, 110.411



45, 5.353, 145.754



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, 21.499, 144.843



82, 32.264, 144.486



65, 14.958, 164.684



35, 6.158, 145.586



53, 78.572, 136.653



5, 11.263, 145.871

Inverse Universe

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



60, 21.524, 327.203



74, 32.293, 327.460



59, 15.426, 348.220



33, 6.169, 326.600



34, 73.481, 330.751



2, 11.019, 326.790

Previews

White Background



This preview shows how the CIELCh color 65, 21.497, 144.843 looks on a white background.

Color Contrast Check

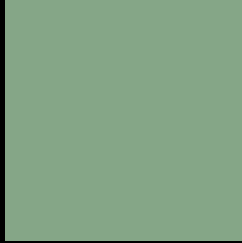
Large Text (above 18pt) WCAG AA × Fail

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, 21.497, 144.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

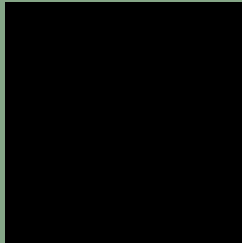
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.497, 144.843

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.497, 144.843.



This preview shows how white text looks on a background with the CIELCh color 65, 21.497, 144.843.

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, 21.497, 144.843

Protanopia
65, 14.839, 94.240

Deuteranopia
65, 13.548, 54.877



Tritanopia
65, 10.235, 244.054

Trichromacy



Original Color
65, 21.497, 144.843

Protanomaly
65, 15.649, 117.405

Deuteranomaly
65, 11.245, 98.663

Tritanomaly
65, 9.745, 188.699

Monochromacy



Original Color
65, 21.497, 144.843

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.172, 144.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.497, 144.843 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(133, 166, 135)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 135)  
}
```

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(133, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.497, 144.843 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(133, 166, 135) }
```

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

```
.border{ border-color:rgb(133, 166, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 166, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 166, 135); box-shadow:4px 4px 4px 4px rgb(133, 166, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.497, 144.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 135) }
```

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

```
.background{ background-color: rgb(133,  
166, 135) }
```

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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