

Converting Colors

CIELCh(65, 19.752, 136.427)

Have a look what the booklet for
CIELCh(65, 19.752, 136.427)
contains.

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Color

CIELCh(65, 19.431, 136.189)

Conversions

Conversions Part 1

Format	Color
Hex	8DA485
RGB	141, 164, 133
RGB Percent	55%, 64%, 52%
CMY	0.4459, 0.3557, 0.4773
CMYK	0.14, 0.00, 0.19, 0.36
HSL	105°, 15%, 58%
HSV	105°, 19%, 64%
XYZ	28.6163, 34.0472, 27.3580
YIQ	153.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

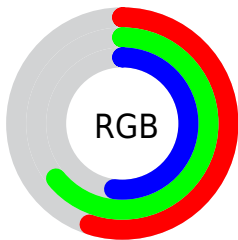
Format	Color
RYB	133, 164, 156
Decimal	9282693
CIELab	65.00, -14.02, 13.45
CIElCh	65, 19.431, 136.189
Yxy	34.0472, 0.3179, 0.3782
Android (android.graphics.Color)	4287472773 (0xFF8DA485)
YUV	153.5890, -10.1504, -11.0406
Hunter-Lab	58.3500, -14.5714, 13.0463

Details

The CIELCh color **65, 19.431, 136.189** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **59, 19.664, 317.834**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.497, 135.919**, and **45, 19.386, 135.332** is the 20% darker color. If you saturate the color by 10%, you get **64, 29.740, 135.653**, and if you desaturate by 10%, it is **66, 9.103, 136.682**.

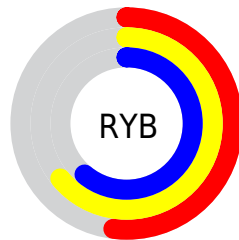
Distribution



Red (55%)

Green (64%)

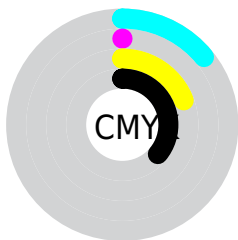
Blue (52%)



Red (52%)

Yellow (64%)

Blue (61%)

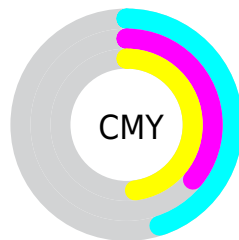


Cyan (14%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.431, 136.189 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, 19.431, 136.189 by changing the saturation by 10% instead.


 65, 19.431,
136.189


 65, 19.431,
136.189


 100, 19.431,
136.189


 55, 19.431,
136.189


 85, 19.431,
136.189

 45, 19.431,
136.189

 95, 19.431,
136.189

 35, 19.431,
136.189

 25, 19.431,
136.189

 15, 19.431,
136.189

 5, 19.431, 136.189

 0, 19.431, 136.189

65, 19.431,
136.189

65, 19.431,
136.189

64, 29.740,
135.653

66, 9.103, 136.682

63, 39.895,
135.076

68, 1.156, 316.947

62, 49.721,
134.483

69, 11.278,
317.451

61, 58.976,
133.920

71, 21.217,
317.782

60, 67.336,
133.464

72, 30.944,
318.065

60, 74.393,
133.223

74, 40.441,
318.307

59, 79.726,
133.321

76, 49.698,
318.514

59, 83.302,

77, 54.281,
321.053

133.727

■ 79, 55.956,
325.087

■ 59, 83.667,
133.758

Harmonies

Complementary

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



65, 19.431, 136.189



59, 19.664, 317.834

Rectangle

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



65, 19.431, 136.189



65, 19.431, 186.189



65, 19.431, 316.189



65, 19.431, 6.189

Sweetspot

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



65, 19.433, 136.190



85, 7.623, 136.814



64, 13.033, 93.840



45, 5.050, 136.785



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, 19.433, 136.190



82, 29.402, 135.951



65, 17.878, 150.415



34, 5.771, 136.664



53, 76.359, 133.637



4, 9.030, 137.793

Inverse Universe

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



59, 19.664, 317.834



72, 29.830, 318.032



59, 17.966, 332.916



32, 5.811, 317.414



27, 78.122, 318.883



1, 8.836, 315.336

Previews

White Background



This preview shows how the CIELCh color 65, 19.431, 136.189 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, 19.431, 136.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

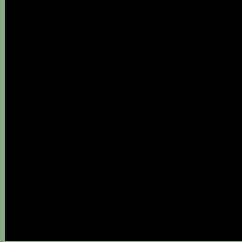
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 19.431, 136.189

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.431, 136.189.



This preview shows how white text looks on a background with the CIELCh color 65, 19.431, 136.189.

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](#).

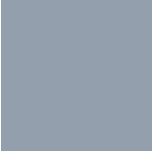
Dichromacy



Original Color
65, 19.431, 136.189

Protanopia
65, 15.376, 94.662

Deuteranopia
65, 14.598, 57.298



Tritanopia
65, 8.338, 259.559

Trichromacy



Original Color
65, 19.431, 136.189

Protanomaly
65, 16.039, 112.806

Deuteranomaly
65, 12.318, 89.660

Tritanomaly
65, 6.250, 183.421

Monochromacy



Original Color
65, 19.431, 136.189

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.557, 136.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.431, 136.189 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(141, 164, 133)` looks like.

```
.text, #text, p{  
    color:rgb(141, 164, 133)  
}
```

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(141, 164, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 164, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.431, 136.189 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(141, 164, 133) }
```

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

```
.border{ border-color:rgb(141, 164, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 164, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 164, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 164, 133);  
box-shadow:4px 4px 4px 4px rgb(141, 164,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.431, 136.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 164, 133) }
```

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

```
.background{ background-color: rgb(141,  
164, 133) }
```

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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