

Converting Colors

CIELCh(65, 6.871, 136.323)

Have a look what the booklet for
CIELCh(65, 6.871, 136.323) contains.

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Color

CIELCh(65, 6.863, 136.325)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 98A095 |
| RGB | 152, 160, 149 |
| RGB Percent | 60%, 63%, 58% |
| CMY | 0.4034, 0.3720, 0.4152 |
| CMYK | 0.05, 0.00, 0.07, 0.37 |
| HSL | 104°, 5%, 61% |
| HSV | 104°, 7%, 63% |
| XYZ | 31.0001, 34.0472, 33.4240 |
| YIQ | 156.3540, -1.2370, -5.1170 |

Conversions

Conversions Part 2

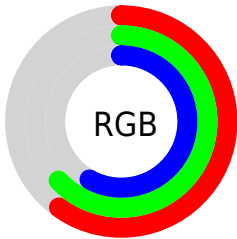
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 149, 160, 157 |
| Decimal | 10002581 |
| CIELab | 65.00, -4.96, 4.74 |
| CIElCh | 65, 6.863, 136.325 |
| Yxy | 34.0472, 0.3148, 0.3458 |
| Android (android.graphics.Color) | 4288192661 (0xFF98A095) |
| YUV | 156.3540, -3.6255, -3.8185 |
| Hunter-Lab | 58.3500, -7.2791, 6.8825 |

Details

The CIELCh color $65, 6.863, 136.325$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 6.908, 316.852$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.127, 137.082$, and $45, 7.368, 136.191$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.927, 135.849$, and if you desaturate by 10%, it is $66, 3.117, 316.665$.

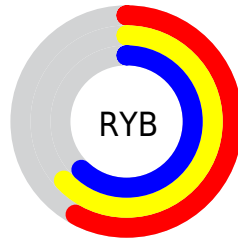
Distribution



Red (60%)

Green (63%)

Blue (58%)



Red (58%)

Yellow (63%)

Blue (62%)

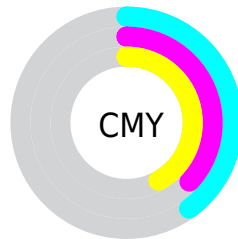


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (40%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.863, 136.325 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, 6.863, 136.325 by changing the saturation by 10% instead.

65, 6.863, 136.325

65, 6.863, 136.325

100, 6.863,
136.325

55, 6.863, 136.325

85, 6.863, 136.325

45, 6.863, 136.325

95, 6.863, 136.325

35, 6.863, 136.325

25, 6.863, 136.325

15, 6.863, 136.325

5, 6.863, 136.325

0, 6.863, 136.325

65, 6.863, 136.325

65, 6.863, 136.325

64, 16.927,

66, 3.117, 316.665

135.849

68, 12.959,
317.065

63, 26.988,
135.331

69, 22.622,
317.384

62, 36.930,
134.773

71, 32.077,
317.657

61, 46.596,
134.198

73, 41.311,
317.892

60, 55.766,
133.645

74, 50.315,
318.092

59, 64.146,
133.184

76, 56.219,
319.688

59, 71.356,
132.918

77, 57.683,
323.437

58, 76.979,
132.970

78, 59.060,
326.454

58, 80.798,
133.389

Harmonies

Complementary

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



65, 6.863, 136.325



63, 6.908, 316.852

Rectangle

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



65, 6.863, 136.325



65, 6.863, 186.325



65, 6.863, 316.325



65, 6.863, 6.325

Sweetspot

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



65, 6.865, 136.328



84, 2.469, 136.589



65, 4.525, 94.073



44, 1.401, 136.599



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, 6.865, 136.328



83, 9.938, 136.267



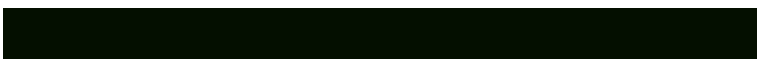
65, 6.415, 150.724



33, 5.597, 136.217



52, 75.135, 133.375



3, 7.340, 137.030

Inverse Universe

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



63, 6.908, 316.852



79, 10.006, 316.909



63, 6.438, 331.499



31, 5.638, 316.957



26, 77.304, 318.424



1, 7.242, 315.476

Previews

White Background



This preview shows how the CIELCh color 65, 6.863, 136.325 looks on a white background.

Color Contrast Check

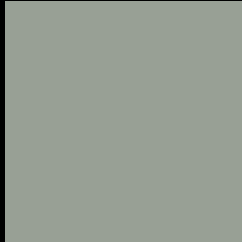
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 6.863, 136.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

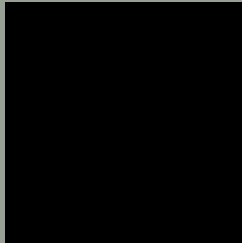
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

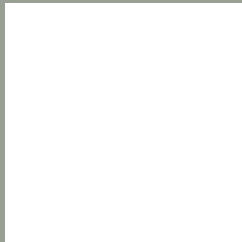
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.863, 136.325

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.863, 136.325.



This preview shows how white text looks on a background with the CIELCh color 65, 6.863, 136.325.

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, 6.863, 136.325

Protanopia

65, 6.008, 86.397

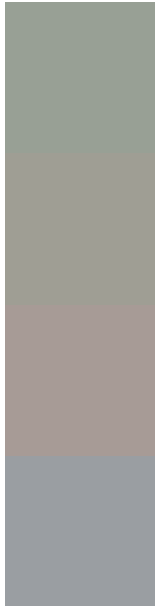
Deuteranopia

65, 9.104, 23.681



Tritanopia
65, 7.256, 285.126

Trichromacy



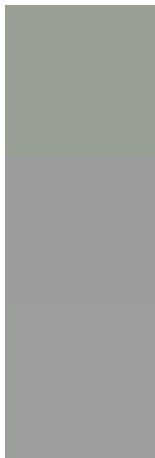
Original Color
65, 6.863, 136.325

Protanomaly
65, 5.545, 105.529

Deuteranomaly
65, 5.460, 50.126

Tritanomaly
65, 2.666, 256.141

Monochromacy



Original Color
65, 6.863, 136.325

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.507, 137.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.863, 136.325 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, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(152, 160, 149)  
}
```

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, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 160, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.863, 136.325 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, 160, 149) }
```

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

```
.border{ border-color:rgb(152, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(152, 160,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.863, 136.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 160, 149) }
```

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

```
.background{ background-color: rgb(152,  
160, 149) }
```

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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