

Converting Colors

CIELCh(65, 6.466, 50.514)

Have a look what the booklet for
CIELCh(65, 6.466, 50.514) contains.

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Color

CIELCh(65, 6.443, 50.739)

Conversions

Conversions Part 1

Format	Color
Hex	A99B95
RGB	169, 155, 149
RGB Percent	66%, 61%, 58%
CMY	0.3373, 0.3921, 0.4157
CMYK	0.00, 0.08, 0.12, 0.34
HSL	18°, 10%, 62%
HSV	18°, 12%, 66%
XYZ	33.5079, 34.0472, 33.2391
YIQ	158.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

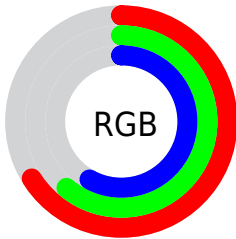
Format	Color
RYB	169, 158, 149
Decimal	11115413
CIELab	65.00, 4.08, 4.99
CIElCh	65, 6.443, 50.739
Yxy	34.0472, 0.3324, 0.3378
Android (android.graphics.Color)	4289305493 (0xFFA99B95)
YUV	158.5020, -4.6845, 9.2067
Hunter-Lab	58.3500, 0.3926, 7.0704

Details

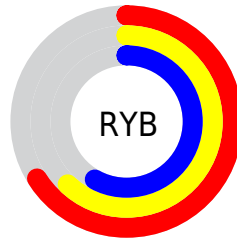
The CIELCh color $65, 6.443, 50.739$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.046, 232.550$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 6.382, 49.152$, and $45, 6.623, 52.381$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.342, 50.215$, and if you desaturate by 10%, it is $69, 0.960, 50.995$.

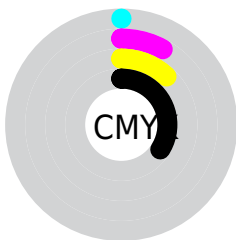
Distribution



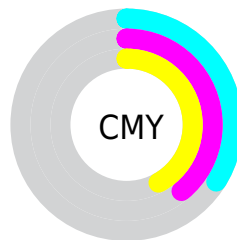
- Red (66%)
- Green (61%)
- Blue (58%)



- Red (66%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.443, 50.739 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, 6.443, 50.739 by changing the saturation by 10% instead.

 65, 6.443, 50.739  65, 6.443, 50.739

 100, 6.443, 50.739  55, 6.443, 50.739

 85, 6.443, 50.739  45, 6.443, 50.739

 95, 6.443, 50.739  35, 6.443, 50.739

 25, 6.443, 50.739

 15, 6.443, 50.739

 5, 6.443, 50.739

 0, 6.443, 50.739

 65, 6.443, 50.739  65, 6.443, 50.739

 61, 12.342, 50.215  69, 0.960, 50.995

58, 18.696, 49.728

72, 4.148, 232.237

55, 25.533, 49.333

76, 8.924, 232.873

51, 32.857, 49.051

80, 13.406,
233.562

48, 40.625, 48.884

83, 17.631,
234.261

46, 48.701, 48.798

43, 56.752, 48.667

87, 21.630,
234.957

41, 64.056, 48.170

90, 22.999,
221.198

39, 69.299, 47.656

93, 25.365,
204.194

95, 27.023,
197.751

Harmonies

Complementary

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



65, 6.443, 50.739



66, 6.046, 232.550

Rectangle

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



65, 6.443, 50.739



65, 6.443, 100.739



65, 6.443, 230.739



65, 6.443, 280.739

Sweetspot

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



65, 6.443, 50.758



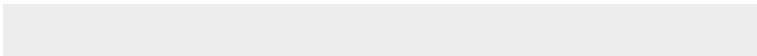
86, 2.614, 51.107



64, 10.953, 335.059



45, 1.860, 51.092



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, 6.443, 50.758



81, 9.507, 50.625



68, 8.912, 99.065



34, 3.041, 50.895



34, 62.546, 48.004



3, 5.434, 46.424

Inverse Universe

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



66, 6.046, 232.550



83, 8.795, 232.755



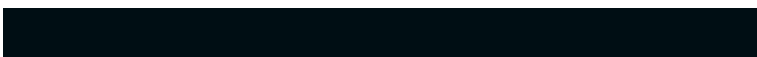
63, 9.032, 281.834



34, 2.897, 232.353



41, 32.368, 255.171



3, 5.416, 240.864

Previews

White Background



This preview shows how the CIELCh color 65, 6.443, 50.739 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, 6.443, 50.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

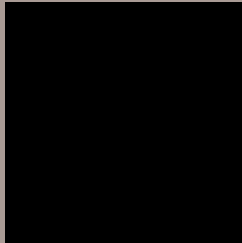
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 6.443, 50.739

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.443, 50.739.



This preview shows how white text looks on a background with the CIELCh color 65, 6.443, 50.739.

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, 6.443, 50.739

Protanopia

65, 4.327, 82.898

Deuteranopia

65, 9.579, 26.849



Tritanopia
65, 9.597, 336.367

Trichromacy



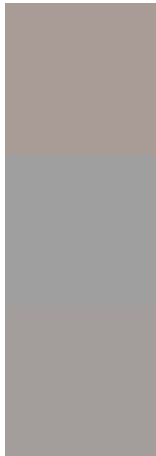
Original Color
65, 6.443, 50.739

Protanomaly
65, 4.835, 62.911

Deuteranomaly
65, 8.080, 31.889

Tritanomaly
65, 6.785, 355.916

Monochromacy



Original Color
65, 6.443, 50.739

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.534, 60.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.443, 50.739 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(169, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 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(169, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.443, 50.739 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(169, 155, 149) }
```

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

```
.border{ border-color:rgb(169, 155, 149) }
```

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

Here you see how a box with a 4 pixel rgb(169, 155, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.443, 50.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 149) }
```

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

```
.background{ background-color: rgb(169,  
155, 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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