

Converting Colors

CIELCh(65, 10.248, 154.828)

Have a look what the booklet for
CIELCh(65, 10.248, 154.828)
contains.

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Color

CIELCh(65, 9.910, 156.352)

Conversions

Conversions Part 1

Format	Color
Hex	8FA296
RGB	143, 162, 150
RGB Percent	56%, 64%, 59%
CMY	0.4379, 0.3633, 0.4104
CMYK	0.12, 0.00, 0.07, 0.36
HSL	142°, 9%, 60%
HSV	142°, 12%, 64%
XYZ	29.9017, 34.0472, 33.9953
YIQ	154.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

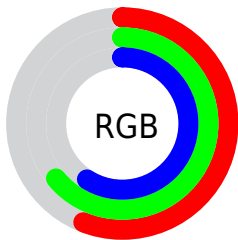
Format	Color
RYB	143, 157, 162
Decimal	9413270
CIELab	65.00, -9.08, 3.98
CIELCh	65, 9.910, 156.352
Yxy	34.0472, 0.3053, 0.3476
Android (android.graphics.Color)	4287603350 (0xFF8FA296)
YUV	154.9510, -2.4408, -10.4810
Hunter-Lab	58.3500, -10.6394, 6.3020

Details

The CIELCh color $65, 9.910, 156.352$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.991, 338.003$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.006, 155.741$, and $45, 9.629, 155.421$ is the 20% darker color. If you saturate the color by 10%, you get $64, 18.401, 155.490$, and if you desaturate by 10%, it is $66, 1.435, 157.282$.

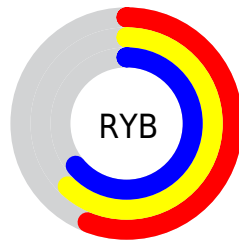
Distribution



Red (56%)

Green (64%)

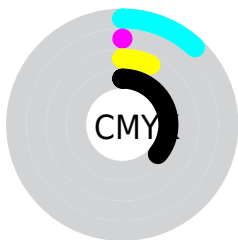
Blue (59%)



Red (56%)

Yellow (62%)

Blue (64%)

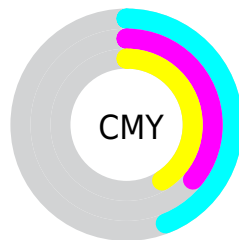


Cyan (12%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.910, 156.352 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, 9.910, 156.352 by changing the saturation by 10% instead.

65, 9.910, 156.352

65, 9.910, 156.352

100, 9.910,
156.352

55, 9.910, 156.352

85, 9.910, 156.352

45, 9.910, 156.352

95, 9.910, 156.352

35, 9.910, 156.352

25, 9.910, 156.352

15, 9.910, 156.352

5, 9.910, 156.352

0, 9.910, 156.352

65, 9.910, 156.352

65, 9.910, 156.352

64, 18.401,

66, 1.435, 157.282

155.490

68, 6.948, 337.689

62, 26.797,
154.523

70, 15.175,
338.312

61, 34.974,
153.423

72, 23.206,
338.860

61, 42.789,
152.166

74, 31.013,
339.356

60, 50.094,
150.731

76, 38.583,
339.809

59, 56.751,
149.107

78, 45.425,
339.522

59, 62.653,
147.291

78, 48.926,
334.643

58, 67.740,
145.309

78, 52.765,
330.521

58, 71.444,
143.667

Harmonies

Complementary

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



65, 9.910, 156.352



62, 9.991, 338.003

Rectangle

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



65, 9.910, 156.352



65, 9.910, 206.352



65, 9.910, 336.352



65, 9.910, 26.352

Sweetspot

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



65, 9.912, 156.350



84, 4.184, 156.988



66, 10.856, 123.696



45, 2.999, 156.921



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, 9.912, 156.350



82, 14.717, 156.138



65, 7.235, 187.579



34, 4.804, 156.549



53, 65.561, 143.884



4, 7.658, 155.684

Inverse Universe

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



62, 9.991, 338.003



77, 14.854, 338.202



61, 7.641, 9.433



32, 4.837, 337.812



31, 58.577, 349.658



1, 7.167, 339.846

Previews

White Background



This preview shows how the CIELCh color 65, 9.910, 156.352 looks on a white background.

Color Contrast Check

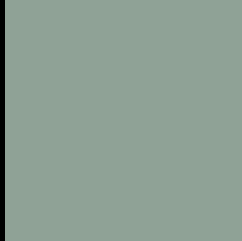
Large Text (above 18pt) WCAG AA × Fail

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, 9.910, 156.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

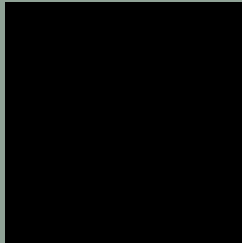
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

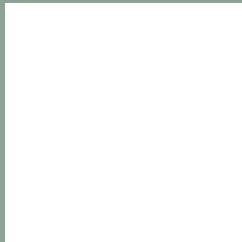
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.910, 156.352

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.910, 156.352.



This preview shows how white text looks on a background with the CIELCh color 65, 9.910, 156.352.

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](#).

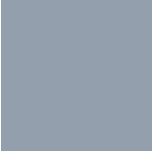
Dichromacy



Original Color
65, 9.910, 156.352

Protanopia
65, 6.008, 86.397

Deuteranopia
65, 9.064, 20.214



Tritanopia
65, 8.338, 259.559

Trichromacy



Original Color
65, 9.910, 156.352

Protanomaly
65, 6.209, 120.377

Deuteranomaly
65, 3.877, 65.038

Tritanomaly
65, 5.582, 222.600

Monochromacy



Original Color
65, 9.910, 156.352

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.882, 153.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.910, 156.352 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(143, 162, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 162, 150)  
}
```

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(143, 162, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 162, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.910, 156.352 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(143, 162, 150) }
```

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

```
.border{ border-color:rgb(143, 162, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 162, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 162, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 162, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 162,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.910, 156.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 162, 150) }
```

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

```
.background{ background-color: rgb(143,  
162, 150) }
```

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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