

Converting Colors

CIELCh(65, 8.920, 159.481)

Have a look what the booklet for
CIELCh(65, 8.920, 159.481) contains.

CIELCh(65, 8.871, 159.935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 8.871, 159.935)

Conversions

Conversions Part 1

Format	Color
Hex	90A298
RGB	144, 162, 152
RGB Percent	56%, 64%, 60%
CMY	0.4352, 0.3646, 0.4038
CMYK	0.11, 0.00, 0.06, 0.36
HSL	147°, 9%, 60%
HSV	147°, 11%, 64%
XYZ	30.0987, 34.0472, 34.7003
YIQ	155.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

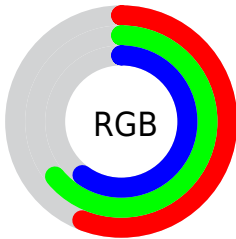
Format	Color
RYB	144, 156, 162
Decimal	9478808
CIELab	65.00, -8.33, 3.04
CIELCh	65, 8.871, 159.935
Yxy	34.0472, 0.3045, 0.3444
Android (android.graphics.Color)	4287668888 (0xFF90A298)
YUV	155.4780, -1.7147, -10.0662
Hunter-Lab	58.3500, -10.0367, 5.5856

Details

The CIELCh color $65, 8.871, 159.935$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.972, 341.603$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.017, 158.992$, and $45, 8.505, 159.343$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.857, 159.030$, and if you desaturate by 10%, it is $66, 0.879, 161.063$.

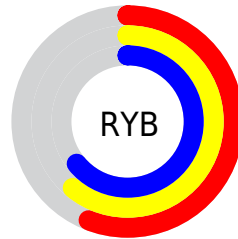
Distribution



Red (56%)

Green (64%)

Blue (60%)



Red (56%)

Yellow (61%)

Blue (64%)

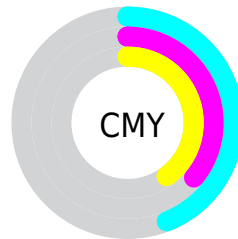


Cyan (11%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.871, 159.935 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, 8.871, 159.935 by changing the saturation by 10% instead.

65, 8.871, 159.935

65, 8.871, 159.935

100, 8.871,
159.935

55, 8.871, 159.935

85, 8.871, 159.935

45, 8.871, 159.935

95, 8.871, 159.935

35, 8.871, 159.935

25, 8.871, 159.935

15, 8.871, 159.935

5, 8.871, 159.935

0, 8.871, 159.935

65, 8.871, 159.935

65, 8.871, 159.935

64, 16.857,

66, 0.879, 161.063

159.030

68, 7.045, 341.356

63, 24.733,
158.028

70, 14.840,
342.031

61, 32.384,
156.900

72, 22.464,
342.635

61, 39.677,
155.619

73, 29.890,
343.188

60, 46.481,
154.163

75, 37.102,
343.700

59, 52.674,
152.515

77, 43.444,
343.324

59, 58.169,
150.663

78, 46.242,
338.509

59, 62.930,
148.620

78, 49.359,
334.333

58, 66.676,
146.762

Harmonies

Complementary

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



65, 8.871, 159.935



62, 8.972, 341.603

Rectangle

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



65, 8.871, 159.935



65, 8.871, 209.935



65, 8.871, 339.935



65, 8.871, 29.935

Sweetspot

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



65, 8.873, 159.932



84, 2.966, 160.675



66, 10.421, 126.199



45, 2.268, 160.587



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, 8.873, 159.932



82, 12.908, 159.745



65, 6.730, 193.175



34, 4.542, 160.092



53, 61.280, 146.987



4, 7.285, 158.756

Inverse Universe

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



62, 8.972, 341.603



78, 13.075, 341.785



61, 7.150, 14.676



32, 4.586, 341.446



31, 56.671, 356.071



1, 6.815, 343.469

Previews

White Background



This preview shows how the CIELCh color 65, 8.871, 159.935 looks on a white background.

Color Contrast Check

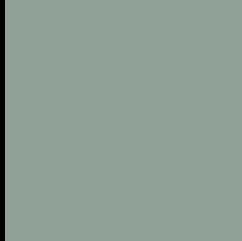
Large Text (above 18pt) WCAG AA × Fail

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, 8.871, 159.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

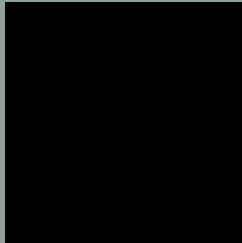
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

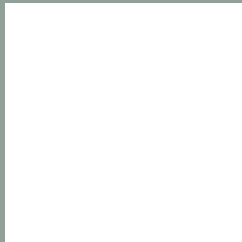
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.871, 159.935

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.871, 159.935.



This preview shows how white text looks on a background with the CIELCh color 65, 8.871, 159.935.

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](#).

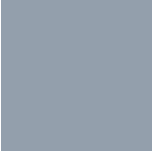
Dichromacy



Original Color
65, 8.871, 159.935

Protanopia
65, 4.830, 85.765

Deuteranopia
65, 8.693, 12.890



Tritanopia
65, 8.338, 259.559

Trichromacy



Original Color
65, 8.871, 159.935

Protanomaly
65, 5.233, 126.866

Deuteranomaly
65, 3.175, 51.027

Tritanomaly
65, 5.801, 227.776

Monochromacy



Original Color
65, 8.871, 159.935

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.846, 163.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.871, 159.935 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(144, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 152)  
}
```

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(144, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.871, 159.935 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(144, 162, 152) }
```

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

```
.border{ border-color:rgb(144, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.871, 159.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 152) }
```

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

```
.background{ background-color: rgb(144,  
162, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor