

Converting Colors

CIELCh(65, 9.203, 255.153)

Have a look what the booklet for
CIELCh(65, 9.203, 255.153) contains.

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Color

CIELCh(65, 8.900, 253.614)

Conversions

Conversions Part 1

Format	Color
Hex	91A0AD
RGB	145, 160, 173
RGB Percent	57%, 63%, 68%
CMY	0.4324, 0.3736, 0.3227
CMYK	0.16, 0.08, 0.00, 0.32
HSL	208°, 15%, 62%
HSV	208°, 16%, 68%
XYZ	31.6677, 34.0472, 44.2955
YIQ	156.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

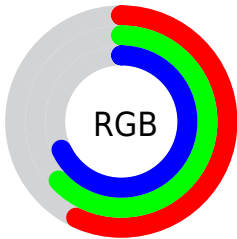
Format	Color
R_{YB}	145, 155, 173
Decimal	9543853
CIE _{Lab}	65.00, -2.51, -8.54
CIE _{LCh}	65, 8.900, 253.614
Yxy	34.0472, 0.2879, 0.3095
Android (android.graphics.Color)	4287733933 (0xFF91A0AD)
YUV	156.9970, 7.8895, -10.5214
Hunter-Lab	58.3500, -5.2369, -4.1641

Details

The CIELCh color $65, 8.900, 253.614$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 9.359, 69.538$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.683, 251.281$, and $45, 8.979, 252.108$ is the 20% darker color. If you saturate the color by 10%, you get $62, 14.255, 255.237$, and if you desaturate by 10%, it is $68, 3.437, 252.287$.

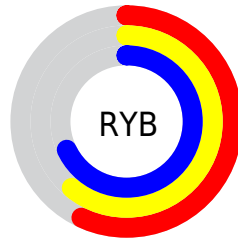
Distribution



Red (57%)

Green (63%)

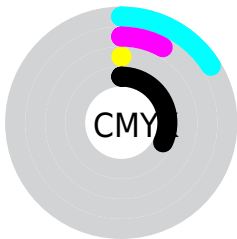
Blue (68%)



Red (57%)

Yellow (61%)

Blue (68%)

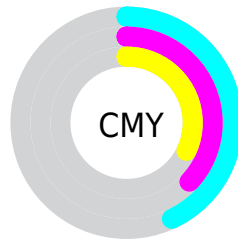


Cyan (16%)

Magenta (8%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.900, 253.614 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, 8.900, 253.614 by changing the saturation by 10% instead.

■ 65, 8.900, 253.614

■ 65, 8.900, 253.614

■ 100, 8.900,
253.614

■ 55, 8.900, 253.614

■ 85, 8.900, 253.614

■ 45, 8.900, 253.614

■ 95, 8.900, 253.614

■ 35, 8.900, 253.614

■ 25, 8.900, 253.614

■ 15, 8.900, 253.614

■ 5, 8.900, 253.614

■ 0, 8.900, 253.614

■ 65, 8.900, 253.614

■ 65, 8.900, 253.614

■ 62, 14.255,

■ 68, 3.437, 252.287

255.237

72, 2.104, 70.851

58, 19.478,
257.201

75, 7.697, 69.986

55, 24.544,
259.554

79, 13.320, 69.161

52, 29.444,
262.358

83, 18.954, 68.442

49, 34.190,
265.663

86, 24.583, 67.816

46, 38.824,
269.485

89, 27.444, 73.834

91, 29.236, 83.077

43, 43.422,
273.780

93, 31.698, 91.005

40, 48.091,
278.394

39, 49.925,
280.068

Harmonies

Complementary

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



65, 8.900, 253.614



66, 9.359, 69.538

Rectangle

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



65, 8.900, 253.614



65, 8.900, 303.614



65, 8.900, 73.614



65, 8.900, 123.614

Sweetspot

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



65, 8.899, 253.605



87, 3.430, 252.170



68, 13.583, 159.750



46, 2.336, 252.240



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 8.899, 253.605



81, 12.873, 254.083



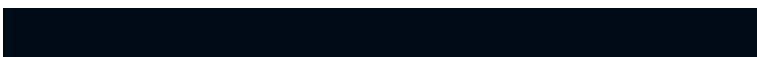
61, 14.970, 289.908



35, 3.137, 252.656



34, 44.636, 279.494



3, 7.167, 261.397

Inverse Universe

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



63, 13.670, 343.075



78, 19.881, 343.360



70, 14.488, 106.495



34, 4.757, 342.465



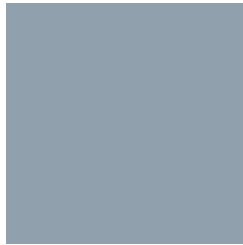
32, 57.731, 357.962



2, 9.334, 346.874

Previews

White Background



This preview shows how the CIELCh color 65, 8.900, 253.614 looks on a white background.

Color Contrast Check

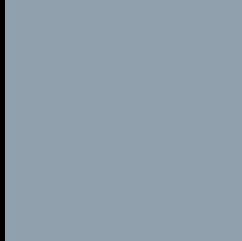
Large Text (above 18pt) WCAG AA × Fail

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, 8.900, 253.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

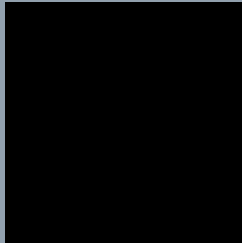
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

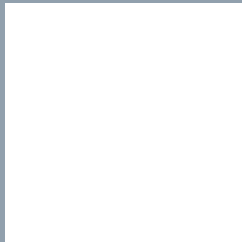
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.900, 253.614

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.900, 253.614.

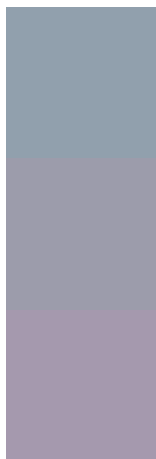


This preview shows how white text looks on a background with the CIELCh color 65, 8.900, 253.614.

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, 8.900, 253.614

Protanopia

65, 8.352, 291.068

Deuteranopia

65, 12.567, 312.023



Tritanopia
65, 8.476, 251.208

Trichromacy



Original Color
65, 8.900, 253.614

Protanomaly
65, 8.506, 278.694

Deuteranomaly
65, 10.660, 297.205

Tritanomaly
65, 8.476, 251.208

Monochromacy



Original Color
65, 8.900, 253.614

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.326, 256.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.900, 253.614 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(145, 160, 173)` looks like.

```
.text, #text, p{  
    color:rgb(145, 160, 173)  
}
```

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(145, 160, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 160, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.900, 253.614 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(145, 160, 173) }
```

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

```
.border{ border-color:rgb(145, 160, 173) }
```

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

Here you see how a box with a 4 pixel rgb(145, 160, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 160, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 160, 173);  
box-shadow:4px 4px 4px 4px rgb(145, 160,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.900, 253.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 160, 173) }
```

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

```
.background{ background-color: rgb(145,  
160, 173) }
```

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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