

Converting Colors

CIELCh(65, 16.801, 234.562)

Have a look what the booklet for
CIELCh(65, 16.801, 234.562)
contains.

CIELCh(65, 16.937, 234.908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 16.937, 234.908)

Conversions

Conversions Part 1

Format	Color
Hex	7AA4B6
RGB	122, 164, 182
RGB Percent	48%, 64%, 71%
CMY	0.5217, 0.3570, 0.2864
CMYK	0.33, 0.10, 0.00, 0.29
HSL	198°, 29%, 60%
HSV	198°, 33%, 71%
XYZ	29.7281, 34.0472, 49.2391
YIQ	153.4940, -30.8100, -3.3060

Conversions

Conversions Part 2

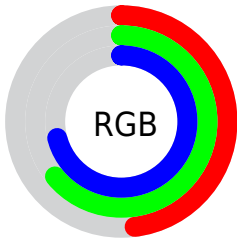
Format	Color
RYB	122, 147, 182
Decimal	8037558
CIELab	65.00, -9.74, -13.86
CIELCh	65, 16.937, 234.908
Yxy	34.0472, 0.2630, 0.3013
Android (android.graphics.Color)	4286227638 (0xFF7AA4B6)
YUV	153.4940, 14.0535, -27.6202
Hunter-Lab	58.3500, -11.1702, -9.1874

Details

The CIELCh color `65, 16.937, 234.908` is a light color, and the websafe version is hex `669999`. A complement of this color would be `62, 20.673, 49.650`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 16.970, 234.921`, and `45, 17.019, 235.067` is the 20% darker color. If you saturate the color by 10%, you get `62, 21.349, 236.537`, and if you desaturate by 10%, it is `68, 12.139, 233.620`.

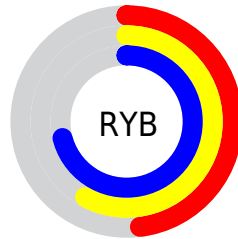
Distribution



Red (48%)

Green (64%)

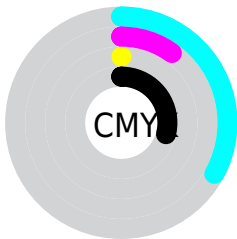
Blue (71%)



Red (48%)

Yellow (58%)

Blue (71%)

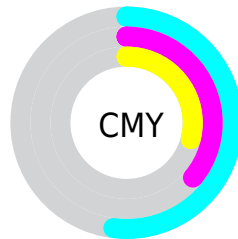


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (52%)


Magenta (36%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.937, 234.908 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, 16.937, 234.908 by changing the saturation by 10% instead.


 65, 16.937,
234.908


 65, 16.937,
234.908


 100, 16.937,
234.908


 55, 16.937,
234.908


 85, 16.937,
234.908

 45, 16.937,
234.908

 95, 16.937,
234.908

 35, 16.937,
234.908

 25, 16.937,
234.908

 15, 16.937,
234.908

 5, 16.937, 234.908

 0, 16.937, 234.908

65, 16.937,
234.908

65, 16.937,
234.908

62, 21.349,
236.537

68, 12.139,
233.620

60, 25.317,
238.596

70, 7.020, 232.626

73, 1.644, 232.041

58, 28.800,
241.169

76, 3.935, 51.001

56, 31.789,
244.342

79, 9.666, 50.573

53, 34.324,
248.179

82, 15.509, 50.199

85, 21.429, 49.899

52, 36.510,
252.683

87, 23.092, 55.545

50, 37.985,
256.049

88, 23.240, 63.879

Harmonies

Complementary

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



65, 16.937, 234.908



62, 20.673, 49.650

Rectangle

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



65, 16.937, 234.908



65, 16.937, 284.908



65, 16.937, 54.908



65, 16.937, 104.908

Sweetspot

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



65, 16.937, 234.904



90, 6.752, 232.399



69, 32.632, 150.954



48, 4.630, 232.509



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 16.937, 234.904



80, 24.846, 236.128



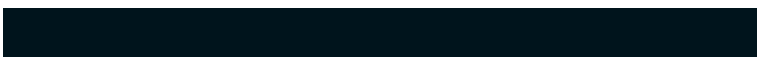
57, 27.019, 284.161



37, 3.112, 232.337



43, 33.642, 255.374



5, 8.681, 245.065

Inverse Universe

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



59, 32.578, 336.667



71, 48.749, 337.308



69, 26.113, 95.501



36, 5.600, 334.881



34, 63.973, 344.594



3, 14.064, 339.318

Previews

White Background



This preview shows how the CIELCh color 65, 16.937, 234.908 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, 16.937, 234.908 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

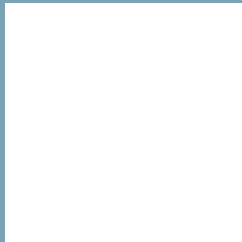
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.937, 234.908

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.937, 234.908.



This preview shows how white text looks on a background with the CIELCh color 65, 16.937, 234.908.

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, 16.937, 234.908

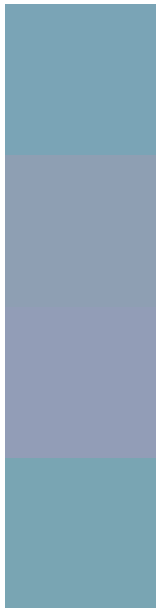
Protanopia
65, 11.698, 287.881

Deuteranopia
65, 17.507, 300.180



Tritanopia
65, 16.300, 224.790

Trichromacy



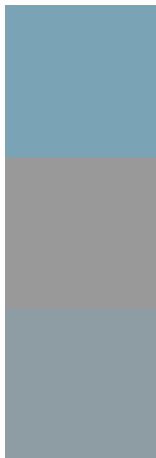
Original Color
65, 16.937, 234.908

Protanomaly
65, 12.469, 262.684

Deuteranomaly
65, 14.870, 276.698

Tritanomaly
65, 16.492, 226.658

Monochromacy



Original Color
65, 16.937, 234.908

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.667, 235.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.937, 234.908 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(122, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(122, 164, 182)  
}
```

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(122, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 164, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.937, 234.908 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(122, 164, 182) }
```

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

```
.border{ border-color:rgb(122, 164, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 164, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 164, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 164, 182); box-shadow:4px 4px 4px 4px rgb(122, 164, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.937, 234.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 164, 182) }
```

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

```
.background{ background-color: rgb(122,  
164, 182) }
```

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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