

Converting Colors

CIELCh(65, 10.870, 193.701)

Have a look what the booklet for
CIELCh(65, 10.870, 193.701)
contains.

CIELCh(65, 11.000, 192.654)	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, 11.000, 192.654)

Conversions

Conversions Part 1

Format	Color
Hex	86A4A2
RGB	134, 164, 162
RGB Percent	53%, 64%, 64%
CMY	0.4760, 0.3583, 0.3662
CMYK	0.18, 0.00, 0.01, 0.36
HSL	176°, 14%, 58%
HSV	176°, 18%, 64%
XYZ	29.4672, 34.0472, 39.0239
YIQ	154.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

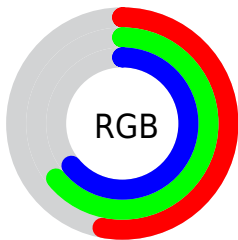
Format	Color
RYB	134, 150, 164
Decimal	8823970
CIELab	65.00, -10.73, -2.41
CIELCh	65, 11.000, 192.654
Yxy	34.0472, 0.2874, 0.3320
Android (android.graphics.Color)	4287014050 (0xFF86A4A2)
YUV	154.8020, 3.5486, -18.2434
Hunter-Lab	58.3500, -11.9684, 1.1924

Details

The CIELCh color `65, 11.000, 192.654` is a light color, and the websafe version is hex `669999`. A complement of this color would be `59, 12.187, 15.374`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 10.869, 193.113`, and `45, 10.841, 191.827` is the 20% darker color. If you saturate the color by 10%, you get `64, 16.516, 191.950`, and if you desaturate by 10%, it is `66, 5.116, 193.386`.

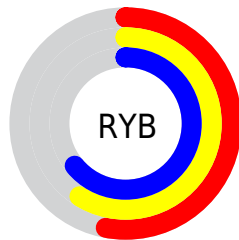
Distribution



Red (53%)

Green (64%)

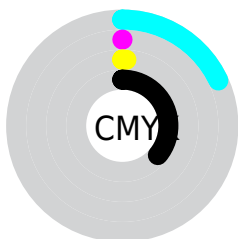
Blue (64%)



Red (53%)

Yellow (59%)

Blue (64%)

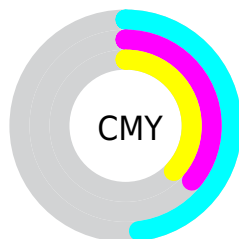


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 11.000, 192.654 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, 11.000, 192.654 by changing the saturation by 10% instead.

■ 65, 11.000,
192.654

■ 65, 11.000,
192.654

■ 100, 11.000,
192.654

■ 55, 11.000,
192.654

■ 85, 11.000,
192.654

■ 45, 11.000,
192.654

■ 95, 11.000,
192.654

■ 35, 11.000,
192.654

■ 25, 11.000,
192.654

■ 15, 11.000,
192.654

■ 5, 11.000, 192.654

■ 0, 11.000, 192.654

65, 11.000,
192.654

65, 11.000,
192.654

64, 16.516,
191.950

66, 5.116, 193.386

67, 1.047, 13.541

63, 21.561,
191.263

69, 7.402, 14.621

62, 26.038,
190.581

70, 13.881, 15.347

62, 29.861,
189.895

72, 20.424, 16.051

74, 26.984, 16.745

61, 32.964,
189.195

76, 33.528, 17.429

61, 35.315,
188.470

76, 36.226, 17.182

76, 36.193, 16.271

61, 36.929,
187.705

61, 37.933,

186.896

■ 61, 38.086,
186.763

Harmonies

Complementary

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



65, 11.000, 192.654



59, 12.187, 15.374

Rectangle

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



65, 11.000, 192.654



65, 11.000, 242.654



65, 11.000, 12.654



65, 11.000, 62.654

Sweetspot

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



65, 11.001, 192.648



84, 3.810, 193.667



64, 19.863, 141.175



45, 2.617, 193.604



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, 11.001, 192.648



82, 16.102, 192.361



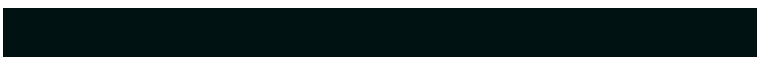
62, 9.311, 248.200



34, 3.460, 193.312



54, 34.896, 186.852



4, 5.516, 192.196

Inverse Universe

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



59, 12.187, 15.374



72, 18.285, 15.810



62, 10.004, 63.956



32, 3.638, 14.504



30, 65.776, 36.546



1, 5.491, 14.388

Previews

White Background



This preview shows how the CIELCh color 65, 11.000, 192.654 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, 11.000, 192.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

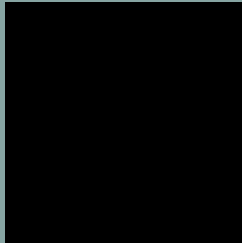
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

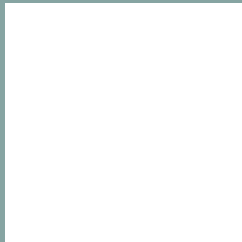
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.000, 192.654

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.000, 192.654.

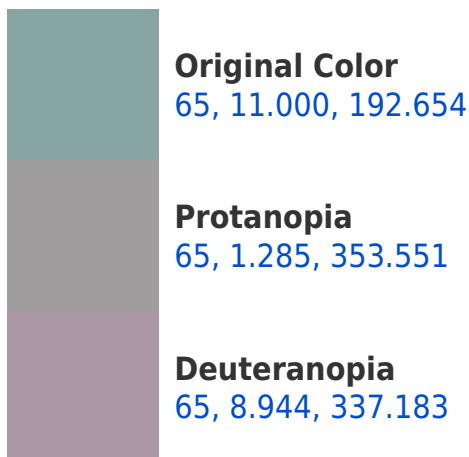


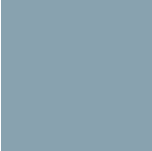
This preview shows how white text looks on a background with the CIELCh color 65, 11.000, 192.654.

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](#).

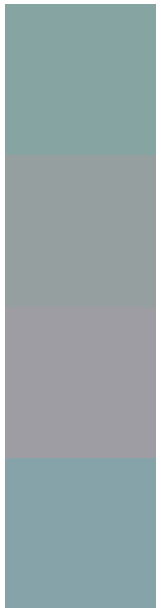
Dichromacy





Tritanopia
65, 11.478, 237.999

Trichromacy



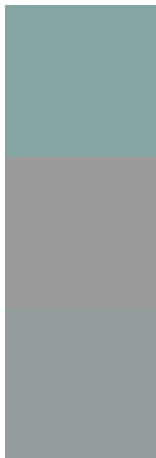
Original Color
65, 11.000, 192.654

Protanomaly
65, 3.386, 199.237

Deuteranomaly
65, 3.341, 290.548

Tritanomaly
65, 10.603, 220.266

Monochromacy



Original Color
65, 11.000, 192.654

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.766, 199.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.000, 192.654 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(134, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(134, 164, 162)  
}
```

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(134, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 164, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.000, 192.654 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(134, 164, 162) }
```

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

```
.border{ border-color:rgb(134, 164, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 164, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 164, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 164, 162);  
box-shadow:4px 4px 4px 4px rgb(134, 164,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.000, 192.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 164, 162) }
```

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

```
.background{ background-color: rgb(134,  
164, 162) }
```

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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