

Converting Colors

CIELCh(65, 21.210, 152.829)

Have a look what the booklet for
CIELCh(65, 21.210, 152.829)
contains.

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Color

CIELCh(65, 21.210, 152.829)

Conversions

Conversions Part 1

Format	Color
Hex	80A78C
RGB	128, 167, 140
RGB Percent	50%, 65%, 55%
CMY	0.4986, 0.3457, 0.4516
CMYK	0.23, 0.00, 0.16, 0.35
HSL	138°, 18%, 58%
HSV	138°, 23%, 65%
XYZ	27.3924, 34.0472, 29.8811
YIQ	152.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

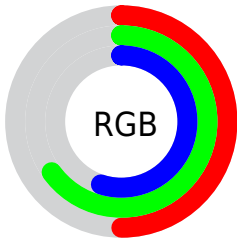
Format	Color
RYB	128, 158, 167
Decimal	8431500
CIELab	65.00, -18.87, 9.69
CIELCh	65, 21.210, 152.829
Yxy	34.0472, 0.3000, 0.3728
Android (android.graphics.Color)	4286621580 (0xFF80A78C)
YUV	152.2610, -6.0447, -21.2769
Hunter-Lab	58.3500, -18.3156, 10.4825

Details

The CIELCh color **65, 21.210, 152.829** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **58, 21.415, 336.233**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 20.993, 153.598**, and **45, 21.221, 152.758** is the 20% darker color. If you saturate the color by 10%, you get **64, 30.201, 151.871**, and if you desaturate by 10%, it is **66, 12.117, 153.670**.

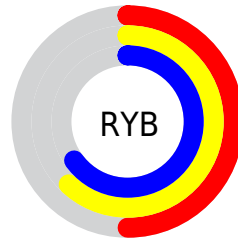
Distribution



Red (50%)

Green (65%)

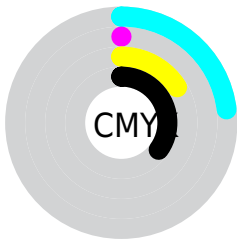
Blue (55%)



Red (50%)

Yellow (62%)

Blue (65%)

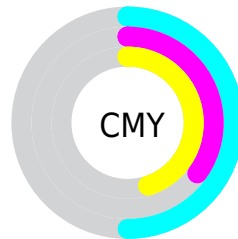


Cyan (23%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (50%)


Magenta (35%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.210, 152.829 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, 21.210, 152.829 by changing the saturation by 10% instead.


 65, 21.210,
152.829


 65, 21.210,
152.829


 100, 21.210,
152.829


 55, 21.210,
152.829


 85, 21.210,
152.829

 45, 21.210,
152.829

 95, 21.210,
152.829

 35, 21.210,
152.829

 25, 21.210,
152.829

 15, 21.210,
152.829

 5, 21.210, 152.829

 0, 21.210, 152.829

65, 21.210,
152.829

65, 21.210,
152.829

64, 30.201,
151.871

66, 12.117,
153.670

63, 38.945,
150.772

68, 3.036, 154.472

62, 47.282,
149.513

70, 5.940, 334.966

61, 55.045,
148.077

71, 14.746,
335.565

61, 62.073,
146.459

73, 23.334,
336.082

60, 68.240,
144.672

75, 31.677,
336.543


60, 73.460,
142.761

77, 39.760,
336.959

60, 76.482,

79, 46.171,
335.076

141.546

 79, 50.500,
330.195

Harmonies

Complementary

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



65, 21.210, 152.829



58, 21.415, 336.233

Rectangle

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



65, 21.210, 152.829



65, 21.210, 202.829



65, 21.210, 332.829



65, 21.210, 22.829

Sweetspot

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



65, 21.211, 152.828



85, 7.823, 154.158



67, 21.857, 120.472



45, 5.126, 154.114



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 21.211, 152.828



82, 31.413, 152.353



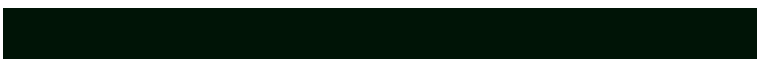
65, 14.891, 181.169



35, 5.155, 153.990



53, 69.657, 141.762



5, 9.684, 152.907

Inverse Universe

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



58, 21.415, 336.233



71, 31.758, 336.632



57, 16.353, 5.636



33, 5.182, 335.192



32, 61.404, 345.063



2, 8.888, 337.853

Previews

White Background



This preview shows how the CIELCh color 65, 21.210, 152.829 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, 21.210, 152.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

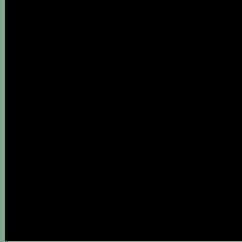
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

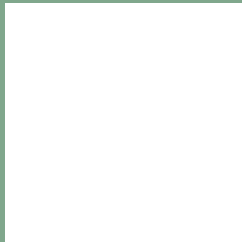
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 21.210, 152.829

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.210, 152.829.



This preview shows how white text looks on a background with the CIELCh color 65, 21.210, 152.829.

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, 21.210, 152.829

Protanopia
65, 12.592, 93.924

Deuteranopia
65, 11.651, 45.426



Tritanopia
65, 11.999, 235.966

Trichromacy



Original Color
65, 21.210, 152.829

Protanomaly
65, 13.863, 125.401

Deuteranomaly
65, 8.386, 101.104

Tritanomaly
65, 11.683, 192.930

Monochromacy



Original Color
65, 21.210, 152.829

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.397, 156.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.210, 152.829 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(128, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(128, 167, 140)  
}
```

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(128, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 167, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.210, 152.829 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(128, 167, 140) }
```

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

```
.border{ border-color:rgb(128, 167, 140) }
```

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

Here you see how a box with a 4 pixel rgb(128, 167, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(128, 167,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.210, 152.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 167, 140) }
```

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

```
.background{ background-color: rgb(128,  
167, 140) }
```

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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