

Converting Colors

CIELCh(65, 14.160, 169.028)

Have a look what the booklet for
CIELCh(65, 14.160, 169.028)
contains.

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Color

CIELCh(65, 14.373, 167.976)

Conversions

Conversions Part 1

Format	Color
Hex	84A598
RGB	132, 165, 152
RGB Percent	52%, 65%, 60%
CMY	0.4826, 0.3532, 0.4042
CMYK	0.20, 0.00, 0.08, 0.35
HSL	156°, 15%, 58%
HSV	156°, 20%, 65%
XYZ	28.6072, 34.0472, 34.7379
YIQ	153.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

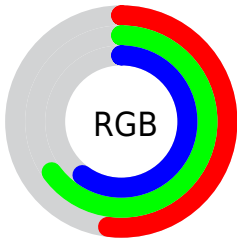
Format	Color
RYB	132, 153, 165
Decimal	8693144
CIELab	65.00, -14.06, 2.99
CIELCh	65, 14.373, 167.976
Yxy	34.0472, 0.2937, 0.3496
Android (android.graphics.Color)	4286883224 (0xFF84A598)
YUV	153.6510, -0.8139, -18.9879
Hunter-Lab	58.3500, -14.5994, 5.5474

Details

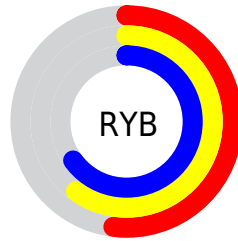
The CIELCh color $65, 14.373, 167.976$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 14.953, 351.672$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.545, 167.983$, and $45, 14.306, 167.721$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.352, 166.914$, and if you desaturate by 10%, it is $66, 7.226, 168.958$.

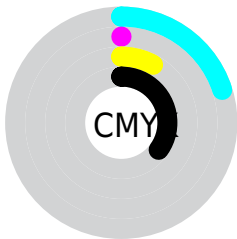
Distribution



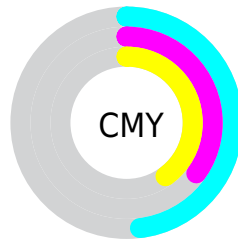
- Red (52%)
- Green (65%)
- Blue (60%)



- Red (52%)
- Yellow (60%)
- Blue (65%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)





- Cyan (48%)
- Magenta (35%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.373, 167.976 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, 14.373, 167.976 by changing the saturation by 10% instead.


 65, 14.373,
167.976


 65, 14.373,
167.976


 100, 14.373,
167.976


 55, 14.373,
167.976


 85, 14.373,
167.976

 45, 14.373,
167.976

 95, 14.373,
167.976

 35, 14.373,
167.976

 25, 14.373,
167.976

 15, 14.373,
167.976

 5, 14.373, 167.976

 0, 14.373, 167.976

65, 14.373,
167.976

65, 14.373,
167.976

64, 21.352,
166.914

66, 7.226, 168.958

63, 28.049,
165.749

68, 0.007, 250.340

69, 7.222, 350.548

62, 34.350,
164.452

71, 14.383,
351.337

61, 40.140,
163.001

73, 21.437,
352.061

61, 45.320,
161.371

75, 28.351,
352.740

60, 49.826,
159.543


77, 35.106,
353.383

60, 53.647,
157.510

78, 38.905,
351.173

60, 56.947,

155.370

 78, 40.477,
346.816

Harmonies

Complementary

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



65, 14.373, 167.976



59, 14.953, 351.672

Rectangle

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



65, 14.373, 167.976



65, 14.373, 217.976



65, 14.373, 347.976



65, 14.373, 37.976

Sweetspot

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



65, 14.374, 167.973



85, 5.362, 169.343



65, 19.840, 131.623



45, 3.550, 169.281



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, 14.374, 167.973



82, 21.251, 167.515



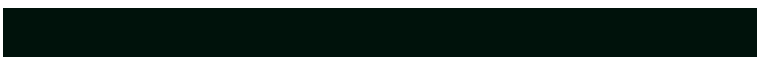
64, 10.779, 208.400



34, 4.050, 169.030



53, 51.657, 155.634



4, 6.570, 166.431

Inverse Universe

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



59, 14.953, 351.672



72, 22.307, 352.169



59, 12.318, 29.223



32, 4.127, 350.559



30, 55.739, 11.151



1, 6.190, 352.138

Previews

White Background



This preview shows how the CIELCh color 65, 14.373, 167.976 looks on a white background.

Color Contrast Check

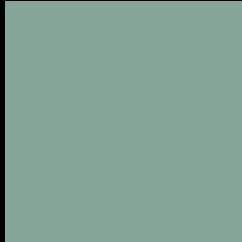
Large Text (above 18pt) WCAG AA × Fail

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, 14.373, 167.976 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, 14.373, 167.976

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.373, 167.976.



This preview shows how white text looks on a background with the CIELCh color 65, 14.373, 167.976.

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, 14.373, 167.976

Protanopia
65, 5.865, 89.966

Deuteranopia
65, 8.372, 8.738



Tritanopia
65, 11.175, 235.602

Trichromacy



Original Color
65, 14.373, 167.976

Protanomaly
65, 7.050, 139.067

Deuteranomaly
65, 1.698, 96.852

Tritanomaly
65, 10.184, 208.057

Monochromacy



Original Color
65, 14.373, 167.976

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.378, 167.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.373, 167.976 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(132, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(132, 165, 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(132, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 165, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.373, 167.976 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(132, 165, 152) }
```

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

```
.border{ border-color:rgb(132, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(132, 165,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.373, 167.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 165, 152) }
```

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

```
.background{ background-color: rgb(132,  
165, 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](#).

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