

Converting Colors

CIELCh(65, 24.894, 160.960)

Have a look what the booklet for
CIELCh(65, 24.894, 160.960)
contains.

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Color

CIELCh(65, 25.140, 160.704)

Conversions

Conversions Part 1

Format	Color
Hex	73A98E
RGB	115, 169, 142
RGB Percent	45%, 66%, 56%
CMY	0.5484, 0.3366, 0.4425
CMYK	0.32, 0.00, 0.16, 0.34
HSL	150°, 24%, 56%
HSV	150°, 32%, 66%
XYZ	26.2012, 34.0472, 30.8416
YIQ	149.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

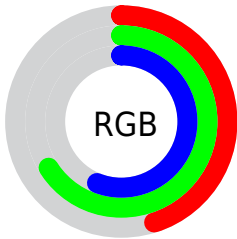
Format	Color
RYB	115, 151, 169
Decimal	7580046
CIELab	65.00, -23.73, 8.31
CIElCh	65, 25.140, 160.704
Yxy	34.0472, 0.2876, 0.3738
Android (android.graphics.Color)	4285770126 (0xFF73A98E)
YUV	149.7760, -3.8336, -30.4986
Hunter-Lab	58.3500, -21.9595, 9.5065

Details

The CIELCh color **65, 25.140, 160.704** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 26.129, 346.599**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.853, 161.392**, and **45, 25.401, 160.796** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.640, 159.534**, and if you desaturate by 10%, it is **66, 17.378, 161.746**.

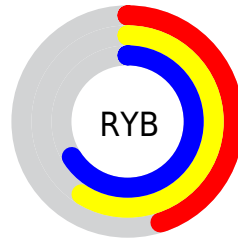
Distribution



Red (45%)

Green (66%)

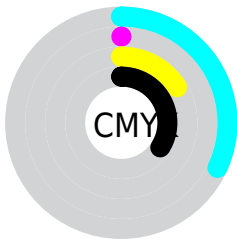
Blue (56%)



Red (45%)

Yellow (59%)

Blue (66%)

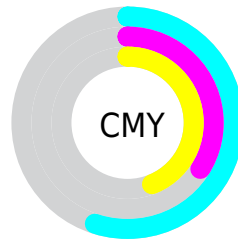


Cyan (32%)

Magenta (0%)

Yellow (16%)

Black (34%)



Cyan (55%)


Magenta (34%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.140, 160.704 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, 25.140, 160.704 by changing the saturation by 10% instead.


 65, 25.140,
160.704


 65, 25.140,
160.704


 100, 25.140,
160.704


 55, 25.140,
160.704


 85, 25.140,
160.704

 45, 25.140,
160.704

 95, 25.140,
160.704

 35, 25.140,
160.704

 25, 25.140,
160.704

 15, 25.140,
160.704

 5, 25.140, 160.704

 0, 25.140, 160.704

■ 65, 25.140,
160.704

■ 65, 25.140,
160.704

■ 64, 32.640,
159.534

■ 66, 17.378,
161.746

■ 63, 39.744,
158.214

■ 68, 9.471, 162.692

■ 62, 46.325,
156.720

■ 69, 1.523, 163.728

■ 71, 6.383, 344.200

■ 62, 52.271,
155.031

■ 72, 14.184,
344.930

■ 61, 57.507,
153.135

■ 74, 21.833,
345.585

■ 61, 62.017,
151.039

■ 76, 29.300,
346.189

■ 61, 65.266,
149.304

■ 78, 36.564,
346.752

■ 79, 40.199,
342.914

Harmonies

Complementary

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



65, 25.140, 160.704



55, 26.129, 346.599

Rectangle

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



65, 25.140, 160.704



65, 25.140, 210.704



65, 25.140, 340.704



65, 25.140, 30.704

Sweetspot

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



65, 25.141, 160.703



86, 9.807, 162.852



66, 31.278, 127.005



45, 6.682, 162.729



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, 25.141, 160.703



81, 36.697, 159.929



66, 18.599, 196.302



35, 4.474, 162.933



54, 58.800, 149.579



5, 8.590, 160.082

Inverse Universe

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



55, 26.129, 346.599



66, 38.405, 347.387



54, 22.929, 20.826



33, 4.530, 344.361



31, 56.546, 1.174



2, 7.800, 347.577

Previews

White Background



This preview shows how the CIELCh color 65, 25.140, 160.704 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, 25.140, 160.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

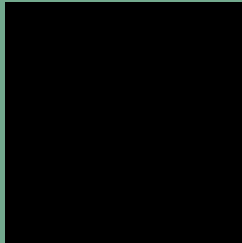
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.140, 160.704

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.140, 160.704.

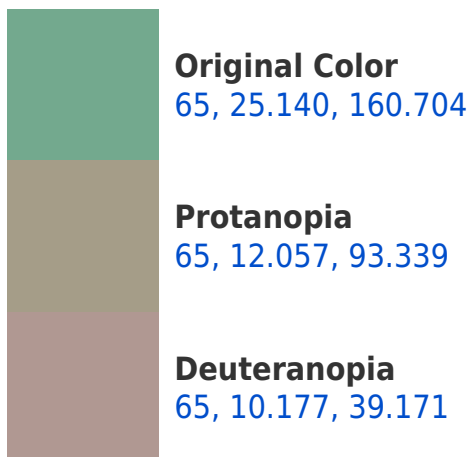



This preview shows how white text looks on a background with the CIELCh color 65, 25.140, 160.704.

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, 15.492, 226.373

Trichromacy



Original Color
65, 25.140, 160.704

Protanomaly
65, 13.911, 132.179

Deuteranomaly
64, 7.385, 121.645

Tritanomaly
65, 16.259, 194.076

Monochromacy



Original Color
65, 25.140, 160.704

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.518, 162.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.140, 160.704 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(115, 169, 142)` looks like.

```
.text, #text, p{  
    color:rgb(115, 169, 142)  
}
```

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(115, 169, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 169, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.140, 160.704 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(115, 169, 142) }
```

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

```
.border{ border-color:rgb(115, 169, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 169, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 169, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 169, 142);  
box-shadow:4px 4px 4px 4px rgb(115, 169,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.140, 160.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 169, 142) }
```

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

```
.background{ background-color: rgb(115,  
169, 142) }
```

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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