

Converting Colors

CIELCh(65, 23.845, 160.879)

Have a look what the booklet for
CIELCh(65, 23.845, 160.879)
contains.

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Color

CIELCh(65, 23.963, 160.390)

Conversions

Conversions Part 1

Format	Color
Hex	76A98F
RGB	118, 169, 143
RGB Percent	46%, 66%, 56%
CMY	0.5386, 0.3386, 0.4405
CMYK	0.30, 0.00, 0.15, 0.34
HSL	149°, 23%, 56%
HSV	149°, 30%, 66%
XYZ	26.4811, 34.0472, 31.0288
YIQ	150.7870, -22.0500, -18.8980

Conversions

Conversions Part 2

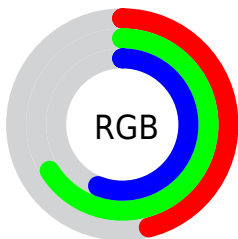
Format	Color
RYB	118, 152, 169
Decimal	7776655
CIELab	65.00, -22.57, 8.04
CIELCh	65, 23.963, 160.390
Yxy	34.0472, 0.2892, 0.3719
Android (android.graphics.Color)	4285966735 (0xFF76A98F)
YUV	150.7870, -3.8390, -28.7542
Hunter-Lab	58.3500, -21.1032, 9.3163

Details

The CIELCh color $65, 23.963, 160.390$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 24.815, 345.863$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.710, 161.040$, and $45, 23.957, 160.245$ is the 20% darker color. If you saturate the color by 10%, you get $64, 31.566, 159.247$, and if you desaturate by 10%, it is $66, 16.124, 161.408$.

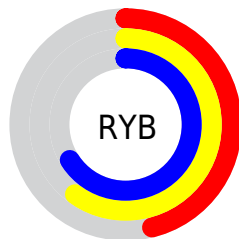
Distribution



Red (46%)

Green (66%)

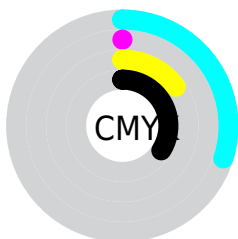
Blue (56%)



Red (46%)

Yellow (60%)

Blue (66%)

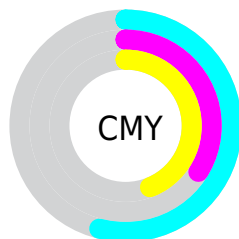


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (34%)



Cyan (54%)


Magenta (34%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.963, 160.390 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, 23.963, 160.390 by changing the saturation by 10% instead.


 65, 23.963,
160.390


 65, 23.963,
160.390


 100, 23.963,
160.390


 55, 23.963,
160.390


 85, 23.963,
160.390

 45, 23.963,
160.390

 95, 23.963,
160.390

 35, 23.963,
160.390

 25, 23.963,
160.390

 15, 23.963,
160.390

 5, 23.963, 160.390

 0, 23.963, 160.390

65, 23.963,
160.390

65, 23.963,
160.390

64, 31.566,
159.247

66, 16.124,
161.408

63, 38.800,
157.958

68, 8.162, 162.336

69, 0.179, 165.087

62, 45.534,
156.497

71, 7.745, 343.810

62, 51.650,
154.845

72, 15.551,
344.515

61, 57.066,
152.987

74, 23.196,
345.152

61, 61.750,
150.927

76, 30.650,
345.741

61, 65.760,
148.829

78, 37.898,
346.290

■ 79, 41.025,
341.757

Harmonies

Complementary

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



65, 23.963, 160.390



55, 24.815, 345.863

Rectangle

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



65, 23.963, 160.390



65, 23.963, 210.390



65, 23.963, 340.390



65, 23.963, 30.390

Sweetspot

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



65, 23.964, 160.389



86, 8.887, 162.433



66, 29.566, 127.087



45, 6.168, 162.307



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, 23.964, 160.389



82, 35.123, 159.672



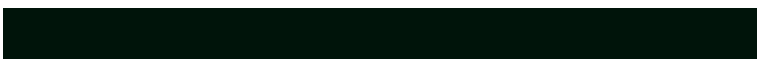
66, 17.683, 196.387



35, 4.506, 162.422



54, 59.382, 149.098



5, 8.641, 159.679

Inverse Universe

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



55, 24.815, 345.863



67, 36.604, 346.583



55, 21.530, 20.611



33, 4.559, 343.839



31, 56.654, 0.280



2, 7.844, 347.084

Previews

White Background



This preview shows how the CIE LCh color 65, 23.963, 160.390 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, 23.963, 160.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

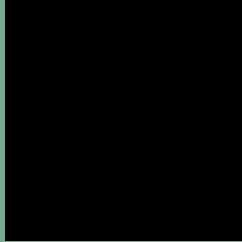
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.963, 160.390

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.963, 160.390.



This preview shows how white text looks on a background with the CIELCh color 65, 23.963, 160.390.

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, 23.963, 160.390

Protanopia
65, 11.523, 92.694

Deuteranopia
65, 10.177, 39.171



Tritanopia
65, 14.947, 227.525

Trichromacy



Original Color
65, 23.963, 160.390

Protanomaly
65, 13.241, 131.613

Deuteranomaly
65, 7.307, 118.664

Tritanomaly
65, 15.533, 196.028

Monochromacy



Original Color
65, 23.963, 160.390

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.218, 161.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.963, 160.390 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(118, 169, 143)` looks like.

```
.text, #text, p{  
    color:rgb(118, 169, 143)  
}
```

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(118, 169, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 169, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.963, 160.390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

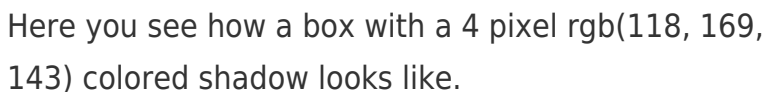
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 169, 143) }
```

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

```
.border{ border-color:rgb(118, 169, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 169, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 169, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 169, 143); box-shadow:4px 4px 4px 4px rgb(118, 169, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.963, 160.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 169, 143) }
```

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

```
.background{ background-color: rgb(118,  
169, 143) }
```

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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