

Converting Colors

CIELCh(65, 23.682, 146.946)

Have a look what the booklet for
CIELCh(65, 23.682, 146.946)
contains.

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Color

CIELCh(65, 23.532, 146.715)

Conversions

Conversions Part 1

Format	Color
Hex	81A786
RGB	129, 167, 134
RGB Percent	51%, 65%, 53%
CMY	0.4939, 0.3449, 0.4743
CMYK	0.23, 0.00, 0.20, 0.34
HSL	128°, 18%, 58%
HSV	128°, 23%, 66%
XYZ	27.1933, 34.0472, 27.7089
YIQ	151.8760, -12.0550, -18.3190

Conversions

Conversions Part 2

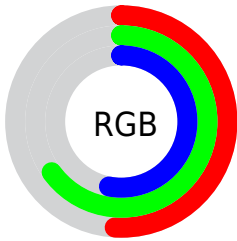
Format	Color
RYB	129, 163, 167
Decimal	8497030
CIELab	65.00, -19.67, 12.91
CIElCh	65, 23.532, 146.715
Yxy	34.0472, 0.3057, 0.3828
Android (android.graphics.Color)	4286687110 (0xFF81A786)
YUV	151.8760, -8.8129, -20.0623
Hunter-Lab	58.3500, -18.9247, 12.6897

Details

The CIELCh color **65, 23.532, 146.715** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 23.585, 329.575**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.581, 146.856**, and **45, 23.717, 146.300** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.830, 145.844**, and if you desaturate by 10%, it is **66, 13.147, 147.470**.

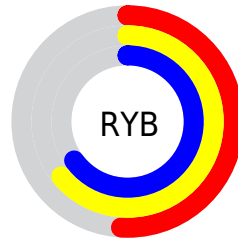
Distribution



Red (51%)

Green (65%)

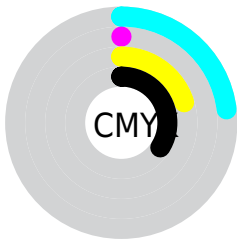
Blue (53%)



Red (51%)

Yellow (64%)

Blue (65%)

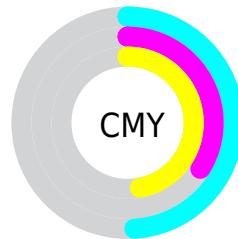


Cyan (23%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (49%)


Magenta (34%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.532, 146.715 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, 23.532, 146.715 by changing the saturation by 10% instead.


 65, 23.532,
146.715


 65, 23.532,
146.715


 100, 23.532,
146.715


 55, 23.532,
146.715


 85, 23.532,
146.715

 45, 23.532,
146.715

 95, 23.532,
146.715

 35, 23.532,
146.715

 25, 23.532,
146.715

 15, 23.532,
146.715

 5, 23.532, 146.715

 0, 23.532, 146.715

■ 65, 23.532,
146.715

■ 65, 23.532,
146.715

■ 64, 33.830,
145.844

■ 66, 13.147,
147.470

■ 63, 43.857,
144.839

■ 68, 2.811, 148.181

■ 62, 53.402,
143.691

■ 70, 7.371, 328.606

■ 61, 62.217,
142.408

■ 72, 17.327,
329.100

■ 60, 70.037,
141.019

■ 74, 27.010,
329.516

■ 60, 76.591,
139.590

■ 76, 36.392,
329.876


■ 60, 81.630,
138.225

■ 78, 45.463,
330.191

■ 60, 84.327,

■ 80, 52.887,
327.921

137.429

 80, 54.896,
326.316

Harmonies

Complementary

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



65, 23.532, 146.715



59, 23.585, 329.575

Rectangle

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



65, 23.532, 146.715



65, 23.532, 196.715



65, 23.532, 326.715



65, 23.532, 16.715

Sweetspot

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



65, 23.533, 146.715



85, 8.890, 147.857



67, 20.831, 112.988



45, 5.825, 147.819



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, 23.533, 146.715



82, 34.522, 146.318



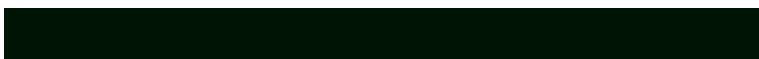
65, 16.352, 168.346



35, 5.859, 147.709



53, 76.864, 137.565



5, 10.794, 147.679

Inverse Universe

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



59, 23.585, 329.575



72, 34.591, 329.862



58, 17.141, 352.660



33, 5.873, 328.761



34, 69.578, 334.151



2, 10.319, 329.735

Previews

White Background



This preview shows how the CIELCh color 65, 23.532, 146.715 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, 23.532, 146.715 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

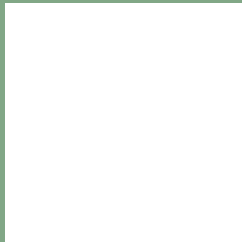
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 23.532, 146.715

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.532, 146.715.



This preview shows how white text looks on a background with the CIELCh color 65, 23.532, 146.715.

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, 23.532, 146.715

Protanopia
65, 15.913, 95.052

Deuteranopia
65, 14.267, 52.992



Tritanopia
65, 11.175, 235.602

Trichromacy



Original Color
65, 23.532, 146.715

Protanomaly
65, 16.861, 119.433

Deuteranomaly
65, 11.729, 101.014

Tritanomaly
65, 11.751, 184.673

Monochromacy



Original Color
65, 23.532, 146.715

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.411, 146.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.532, 146.715 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(129, 167, 134)` looks like.

```
.text, #text, p{  
    color:rgb(129, 167, 134)  
}
```

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(129, 167, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 167, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.532, 146.715 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(129, 167, 134) }
```

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

```
.border{ border-color:rgb(129, 167, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 167, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 167, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 167, 134);  
box-shadow:4px 4px 4px 4px rgb(129, 167,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.532, 146.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 167, 134) }
```

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

```
.background{ background-color: rgb(129,  
167, 134) }
```

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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