

Converting Colors

CIELCh(68, 24.042, 154.179)

Have a look what the booklet for
CIELCh(68, 24.042, 154.179)
contains.

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Color

CIELCh(68, 24.018, 154.193)

Conversions

Conversions Part 1

Format	Color
Hex	82B092
RGB	130, 176, 146
RGB Percent	51%, 69%, 57%
CMY	0.4894, 0.3090, 0.4267
CMYK	0.26, 0.00, 0.17, 0.31
HSL	141°, 23%, 60%
HSV	141°, 26%, 69%
XYZ	30.0037, 37.9720, 33.0212
YIQ	158.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

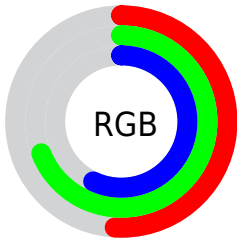
Format	Color
RYB	130, 164, 176
Decimal	8564882
CIELab	68.00, -21.62, 10.46
CIElCh	68, 24.018, 154.193
Yxy	37.9720, 0.2971, 0.3760
Android (android.graphics.Color)	4286754962 (0xFF82B092)
YUV	158.8260, -6.3232, -25.2804
Hunter-Lab	61.6215, -20.9253, 11.3632

Details

The CIELCh color **68, 24.018, 154.193** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 24.347, 338.228**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.079, 154.059**, and **48, 24.132, 153.991** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.059, 153.172**, and if you desaturate by 10%, it is **69, 14.824, 155.090**.

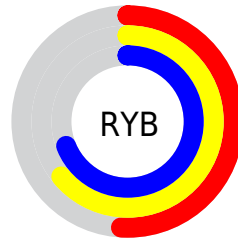
Distribution



Red (51%)

Green (69%)

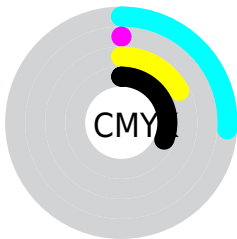
Blue (57%)



Red (51%)

Yellow (64%)

Blue (69%)

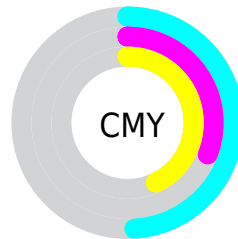


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (31%)



Cyan (49%)


Magenta (31%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 24.018, 154.193 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 68, 24.018, 154.193 by changing the saturation by 10% instead.

 68, 24.018,
154.193


 68, 24.018,
154.193


 100, 24.018,
154.193


 58, 24.018,
154.193


 88, 24.018,
154.193

 48, 24.018,
154.193

 98, 24.018,
154.193

 38, 24.018,
154.193

 28, 24.018,
154.193

 18, 24.018,
154.193

 8, 24.018, 154.193

 0, 24.018, 154.193

■ 68, 24.018,
154.193

■ 68, 24.018,
154.193

■ 67, 33.059,
153.172

■ 69, 14.824,
155.090

■ 66, 41.795,
152.004

■ 71, 5.601, 155.908

■ 65, 50.062,
150.667

■ 73, 3.551, 336.452

■ 64, 57.698,
149.144

■ 74, 12.553,
337.133

■ 64, 64.559,
147.430

■ 76, 21.354,
337.697

■ 63, 70.544,
145.538

■ 78, 29.917,
338.202


■ 63, 75.616,
143.523

■ 81, 38.222,
338.659

■ 63, 77.422,

■ 81, 42.616,
333.065

142.783

 81, 47.096,
328.097

Harmonies

Complementary

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



68, 24.018, 154.193



60, 24.347, 338.228

Rectangle

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



68, 24.018, 154.193



68, 24.018, 204.193



68, 24.018, 334.193



68, 24.018, 24.193

Sweetspot

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



68, 24.019, 154.192



89, 9.099, 155.743



70, 25.652, 121.627



47, 6.464, 155.624



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 24.019, 154.192



86, 35.280, 153.655



69, 16.982, 183.564



37, 5.254, 155.647



55, 69.370, 143.037



7, 13.455, 153.050

Inverse Universe

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



60, 24.347, 338.228



73, 35.830, 338.689



59, 19.091, 8.531



35, 5.287, 336.906



33, 61.441, 348.157



2, 11.747, 341.378

Previews

White Background



This preview shows how the CIELCh color 68, 24.018, 154.193 looks on a white background.

Color Contrast Check

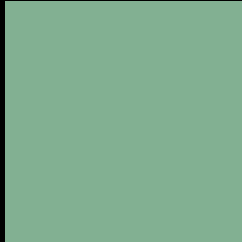
Large Text (above 18pt) WCAG AA × Fail

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 68, 24.018, 154.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

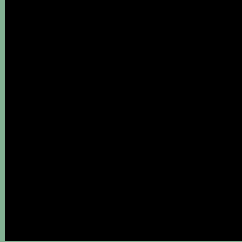
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.018, 154.193

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.018, 154.193.



This preview shows how white text looks on a background with the CIELCh color 68, 24.018, 154.193.

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
68, 24.018, 154.193

Protanopia
68, 14.172, 93.888

Deuteranopia
68, 12.283, 43.868



Tritanopia
68, 13.516, 233.623

Trichromacy



Original Color
68, 24.018, 154.193

Protanomaly
68, 15.427, 125.000

Deuteranomaly
67, 8.790, 106.695

Tritanomaly
68, 13.603, 193.621

Monochromacy



Original Color
68, 24.018, 154.193

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.662, 154.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.018, 154.193 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(130, 176, 146)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 146)  
}
```

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(130, 176, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.018, 154.193 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(130, 176, 146) }
```

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

```
.border{ border-color:rgb(130, 176, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 176, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 146);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.018, 154.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 146) }
```

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

```
.background{ background-color: rgb(130,  
176, 146) }
```

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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