

Converting Colors

CIELCh(78, 36.320, 155.140)

Have a look what the booklet for
CIELCh(78, 36.320, 155.140)
contains.

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Color

CIELCh(78, 36.598, 154.800)

Conversions

Conversions Part 1

Format	Color
Hex	86D1A3
RGB	134, 209, 163
RGB Percent	53%, 82%, 64%
CMY	0.4751, 0.1810, 0.3614
CMYK	0.36, 0.00, 0.22, 0.18
HSL	143°, 45%, 67%
HSV	143°, 36%, 82%
XYZ	39.1615, 53.2120, 42.7820
YIQ	181.3310, -29.9340, -30.2060

Conversions

Conversions Part 2

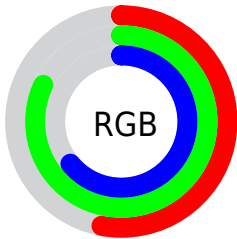
Format	Color
RYB	134, 188, 209
Decimal	8835491
CIELab	78.00, -33.11, 15.58
CIELCh	78, 36.598, 154.800
Yxy	53.2120, 0.2898, 0.3937
Android (android.graphics.Color)	4287025571 (0xFF86D1A3)
YUV	181.3310, -9.0372, -41.5093
Hunter-Lab	72.9466, -31.8285, 16.2899

Details

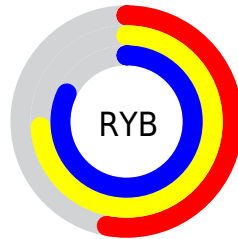
The CIELCh color **78, 36.598, 154.800** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 37.412, 341.002**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 29.941, 158.250**, and **58, 36.527, 154.602** is the 20% darker color. If you saturate the color by 10%, you get **77, 46.281, 153.594**, and if you desaturate by 10%, it is **79, 26.557, 155.855**.

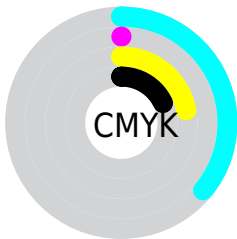
Distribution



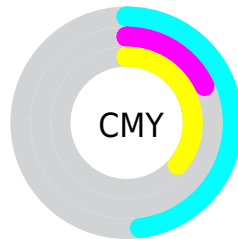
- Red (53%)
- Green (82%)
- Blue (64%)



- Red (53%)
- Yellow (74%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)





- Cyan (48%)
- Magenta (18%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.598, 154.800 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 78, 36.598, 154.800 by changing the saturation by 10% instead.


 78, 36.598,
154.800

 78, 36.598,
154.800


 100, 36.598,
154.800


 68, 36.598,
154.800


 98, 36.598,
154.800

 58, 36.598,
154.800

 48, 36.598,
154.800

 38, 36.598,
154.800

 28, 36.598,
154.800

 18, 36.598,
154.800

 8, 36.598, 154.800

■ 0, 36.598, 154.800

■ 78, 36.598,
154.800

■ 78, 36.598,
154.800

■ 77, 46.281,
153.594

■ 79, 26.557,
155.855

■ 76, 55.419,
152.215

■ 81, 16.324,
156.787

■ 75, 63.836,
150.644

■ 83, 6.043, 157.641

■ 74, 71.381,
148.869

■ 85, 4.168, 338.212

■ 87, 14.222,
338.925

■ 74, 77.956,
146.902

■ 88, 22.987,
336.904

■ 74, 83.541,
144.784

■ 89, 27.896,

■ 74, 85.623,
143.941

326.947

■ 89, 28.941,
325.432

Harmonies

Complementary

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



78, 36.598, 154.800



65, 37.412, 341.002

Rectangle

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



78, 36.598, 154.800



78, 36.598, 204.800



78, 36.598, 334.800



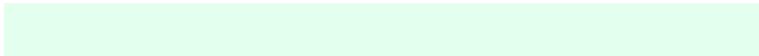
78, 36.598, 24.800

Sweetspot

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



78, 36.599, 154.799



98, 13.257, 157.199



80, 40.688, 123.040



52, 8.911, 157.083



0, 0.000, 0.000



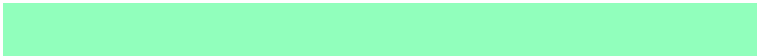
53, 0.007, 296.813

Same Dimension

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



78, 36.599, 154.799



92, 51.134, 153.900



79, 25.379, 186.879



43, 5.817, 157.344



60, 72.346, 144.297



13, 24.578, 150.144

Inverse Universe

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



65, 37.412, 341.002



74, 52.353, 341.782



64, 30.784, 13.844



41, 5.862, 338.679



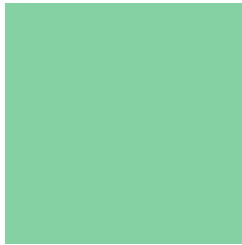
37, 64.492, 351.537



5, 23.240, 346.390

Previews

White Background



This preview shows how the CIELCh color 78, 36.598, 154.800 looks on a white background.

Color Contrast Check

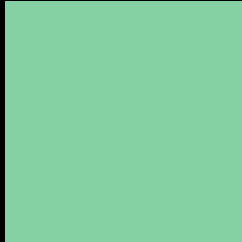
Large Text (above 18pt) WCAG AA × Fail

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 78, 36.598, 154.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

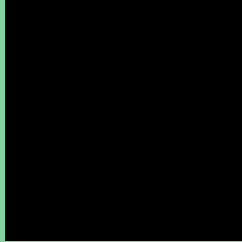
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.598, 154.800

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.598, 154.800.

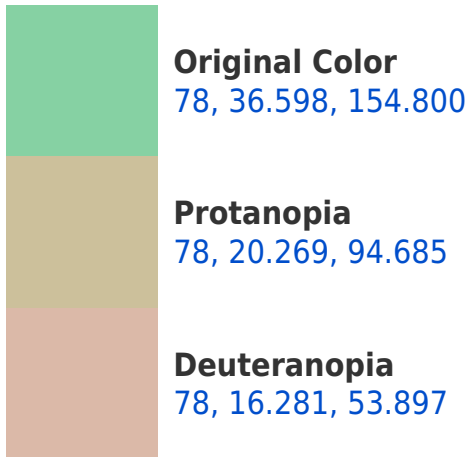


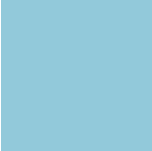
This preview shows how white text looks on a background with the CIELCh color 78, 36.598, 154.800.

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
78, 19.680, 226.042

Trichromacy



Original Color
78, 36.598, 154.800

Protanomaly
77, 22.654, 128.156

Deuteranomaly
77, 15.111, 117.594

Tritanomaly
78, 21.274, 189.094

Monochromacy



Original Color
78, 36.598, 154.800

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 13.649, 156.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.598, 154.800 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(134, 209, 163)` looks like.

```
.text, #text, p{  
    color:rgb(134, 209, 163)  
}
```

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(134, 209, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 209, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.598, 154.800 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(134, 209, 163) }
```

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

```
.border{ border-color:rgb(134, 209, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 209, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 209, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 209, 163); box-shadow:4px 4px 4px 4px rgb(134, 209, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.598, 154.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 209, 163) }
```

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

```
.background{ background-color: rgb(134,  
209, 163) }
```

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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