

Converting Colors

CIELCh(78, 40.974, 147.067)

Have a look what the booklet for
CIELCh(78, 40.974, 147.067)
contains.

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Color

CIELCh(78, 40.957, 146.849)

Conversions

Conversions Part 1

Format	Color
Hex	8AD196
RGB	138, 209, 150
RGB Percent	54%, 82%, 59%
CMY	0.4588, 0.1803, 0.4117
CMYK	0.34, 0.00, 0.28, 0.18
HSL	130°, 44%, 68%
HSV	130°, 34%, 82%
XYZ	38.7914, 53.2120, 37.0848
YIQ	181.0450, -23.3770, -33.4010

Conversions

Conversions Part 2

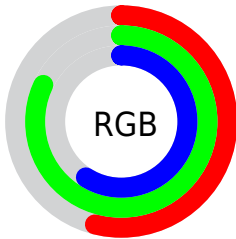
Format	Color
RYB	138, 199, 209
Decimal	9097622
CIELab	78.00, -34.29, 22.40
CIELCh	78, 40.957, 146.849
Yxy	53.2120, 0.3005, 0.4122
Android (android.graphics.Color)	4287287702 (0xFF8AD196)
YUV	181.0450, -15.3052, -37.7505
Hunter-Lab	72.9466, -32.7341, 20.9206

Details

The CIELCh color $78, 40.957, 146.849$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66, 41.062, 331.590$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 34.320, 147.991$, and $58, 40.770, 146.896$ is the 20% darker color. If you saturate the color by 10%, you get $77, 52.595, 145.784$, and if you desaturate by 10%, it is $79, 28.969, 147.771$.

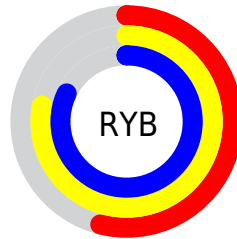
Distribution



Red (54%)

Green (82%)

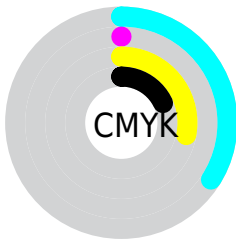
Blue (59%)



Red (54%)

Yellow (78%)

Blue (82%)

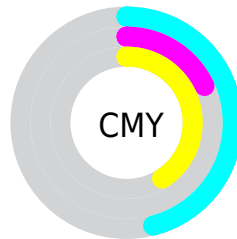


Cyan (34%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (46%)


Magenta (18%)


Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 40.957, 146.849 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, 40.957, 146.849 by changing the saturation by 10% instead.


 78, 40.957,
146.849

 78, 40.957,
146.849


 100, 40.957,
146.849


 68, 40.957,
146.849

 98, 40.957,
146.849

 58, 40.957,
146.849

 48, 40.957,
146.849

 38, 40.957,
146.849

 28, 40.957,
146.849

 18, 40.957,
146.849

 8, 40.957, 146.849

■ 0, 40.957, 146.849

■ 78, 40.957,
146.849

■ 78, 40.957,
146.849

■ 77, 52.595,
145.784

■ 79, 28.969,
147.771

■ 76, 63.626,
144.564

■ 81, 16.844,
148.568

■ 75, 73.767,
143.192

■ 83, 4.753, 149.293

■ 74, 82.728,
141.696

■ 85, 7.174, 329.768

■ 74, 90.225,
140.137

■ 87, 18.845,
330.300

■ 73, 96.015,
138.618

■ 89, 28.502,
325.887

■ 89, 28.829,

■ 73, 98.678,
137.829

325.428

Harmonies

Complementary

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



78, 40.957, 146.849



66, 41.062, 331.590

Rectangle

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



78, 40.957, 146.849



78, 40.957, 196.849



78, 40.957, 326.849



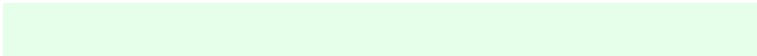
78, 40.957, 16.849

Sweetspot

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



78, 40.958, 146.849



98, 14.138, 148.848



81, 37.218, 114.246



52, 9.654, 148.746



0, 0.000, 0.000



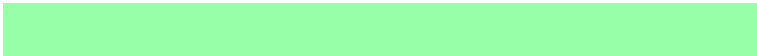
53, 0.007, 296.813

Same Dimension

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



78, 40.958, 146.849



92, 57.778, 146.064



79, 27.808, 170.274



43, 6.826, 148.899



60, 83.525, 138.058



13, 28.018, 144.970

Inverse Universe

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



66, 41.062, 331.590



76, 57.812, 332.084



65, 30.391, 357.508



41, 6.844, 330.012



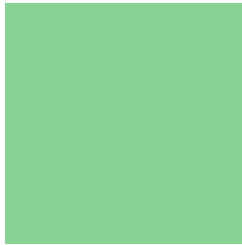
38, 74.269, 336.263



5, 27.308, 334.224

Previews

White Background



This preview shows how the CIELCh color 78, 40.957, 146.849 looks on a white background.

Color Contrast Check

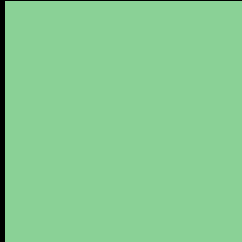
Large Text (above 18pt) WCAG AA × Fail

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, 40.957, 146.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

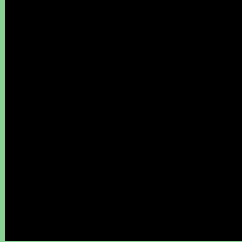
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 40.957, 146.849

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.957, 146.849.



This preview shows how white text looks on a background with the CIELCh color 78, 40.957, 146.849.

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

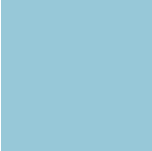
78, 40.957, 146.849

Protanopia

78, 27.157, 95.565

Deuteranopia

77, 22.304, 63.740



Tritanopia
78, 17.948, 227.113

Trichromacy



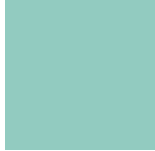
Original Color
78, 40.957, 146.849



Protanomaly
77, 28.837, 121.082



Deuteranomaly
77, 21.273, 109.253

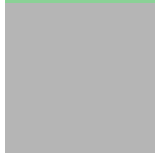


Tritanomaly
78, 20.676, 181.225

Monochromacy



Original Color
78, 40.957, 146.849



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 14.994, 149.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.957, 146.849 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(138, 209, 150)` looks like.

```
.text, #text, p{  
    color:rgb(138, 209, 150)  
}
```

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(138, 209, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 209, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.957, 146.849 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(138, 209, 150) }
```

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

```
.border{ border-color:rgb(138, 209, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 209, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 209, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 209, 150); box-shadow:4px 4px 4px 4px rgb(138, 209, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.957, 146.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 209, 150) }
```

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

```
.background{ background-color: rgb(138,  
209, 150) }
```

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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