

Converting Colors

CIELCh(78, 18.646, 154.398)

Have a look what the booklet for
CIELCh(78, 18.646, 154.398)
contains.

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Color

CIELCh(78, 18.549, 154.319)

Conversions

Conversions Part 1

Format	Color
Hex	A5C9B1
RGB	165, 201, 177
RGB Percent	65%, 79%, 69%
CMY	0.3513, 0.2100, 0.3042
CMYK	0.18, 0.00, 0.12, 0.21
HSL	140°, 25%, 72%
HSV	140°, 18%, 79%
XYZ	44.5710, 53.2120, 49.7383
YIQ	187.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

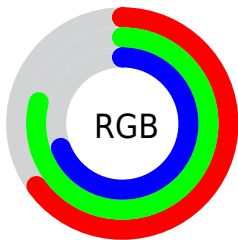
Format	Color
RYB	165, 192, 201
Decimal	10865073
CIELab	78.00, -16.72, 8.04
CIELCh	78, 18.549, 154.319
Yxy	53.2120, 0.3021, 0.3607
Android (android.graphics.Color)	4289055153 (0xFFA5C9B1)
YUV	187.5000, -5.1765, -19.7325
Hunter-Lab	72.9466, -18.5913, 10.6360

Details

The CIELCh color **78, 18.549, 154.319** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 18.723, 336.935**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.744, 156.285**, and **58, 18.703, 153.504** is the 20% darker color. If you saturate the color by 10%, you get **76, 28.901, 153.398**, and if you desaturate by 10%, it is **80, 8.147, 155.142**.

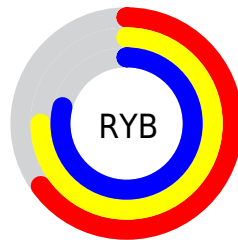
Distribution



Red (65%)

Green (79%)

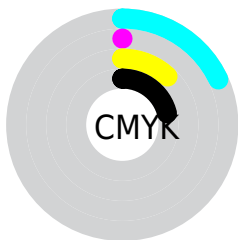
Blue (69%)



Red (65%)

Yellow (75%)

Blue (79%)

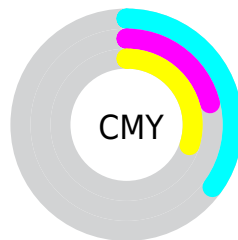


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (21%)



Cyan (35%)


Magenta (21%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 18.549, 154.319 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, 18.549, 154.319 by changing the saturation by 10% instead.


 78, 18.549,
154.319


 78, 18.549,
154.319


 100, 18.549,
154.319


 68, 18.549,
154.319


 98, 18.549,
154.319

 58, 18.549,
154.319

 48, 18.549,
154.319

 38, 18.549,
154.319

 28, 18.549,
154.319

 18, 18.549,
154.319

 8, 18.549, 154.319

■ 0, 18.549, 154.319

■ 78, 18.549,
154.319

■ 78, 18.549,
154.319

■ 76, 28.901,
153.398

■ 80, 8.147, 155.142

■ 75, 39.047,
152.346

■ 82, 2.189, 335.643

■ 74, 48.812,
151.139

■ 84, 12.364,
336.399

■ 73, 58.004,
149.757

■ 86, 22.315,
336.970

■ 72, 66.434,
148.184

■ 87, 29.389,
331.665

■ 72, 73.944,
146.421

■ 87, 33.592,
325.593

■ 71, 80.422,
144.492

■ 71, 85.853,
142.477

■ 71, 86.914,
142.077

Harmonies

Complementary

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



78, 18.549, 154.319



72, 18.723, 336.935

Rectangle

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



78, 18.549, 154.319



78, 18.549, 204.319



78, 18.549, 334.319



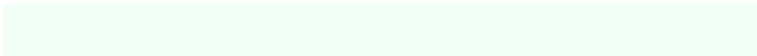
78, 18.549, 24.319

Sweetspot

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



78, 18.551, 154.318



99, 6.248, 155.373



79, 19.575, 121.429



53, 4.265, 155.313



0, 0.000, 0.000



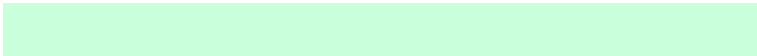
53, 0.007, 296.813

Same Dimension

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



78, 18.551, 154.318



96, 26.390, 154.017



78, 13.297, 182.980



41, 5.808, 155.022



59, 73.767, 142.416



11, 22.488, 150.247

Inverse Universe

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



72, 18.723, 336.935



87, 26.671, 337.203



71, 14.334, 6.265



39, 5.842, 336.284



36, 64.894, 347.168



4, 20.006, 342.630

Previews

White Background



This preview shows how the CIELCh color 78, 18.549, 154.319 looks on a white background.

Color Contrast Check

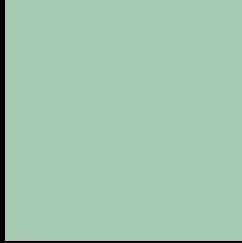
Large Text (above 18pt) WCAG AA × Fail

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 78, 18.549, 154.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

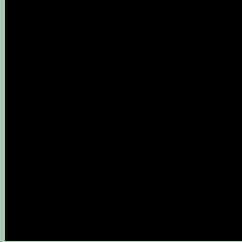
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 18.549, 154.319

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.549, 154.319.



This preview shows how white text looks on a background with the CIELCh color 78, 18.549, 154.319.

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, 18.549, 154.319

Protanopia

78, 11.208, 91.123

Deuteranopia

78, 11.456, 33.628



Tritanopia
78, 11.712, 246.242

Trichromacy



Original Color
78, 18.549, 154.319

Protanomaly
78, 11.524, 122.475

Deuteranomaly
78, 6.665, 93.063

Tritanomaly
78, 9.876, 201.835

Monochromacy



Original Color
78, 18.549, 154.319

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.849, 154.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.549, 154.319 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(165, 201, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 177)  
}
```

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(165, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.549, 154.319 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(165, 201, 177) }
```

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

```
.border{ border-color:rgb(165, 201, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 201, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 201, 177); box-shadow:4px 4px 4px 4px rgb(165, 201, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.549, 154.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 177) }
```

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

```
.background{ background-color: rgb(165,  
201, 177) }
```

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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