

Converting Colors

CIELCh(76, 27.778, 159.024)

Have a look what the booklet for
CIELCh(76, 27.778, 159.024)
contains.

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Color

CIELCh(76, 27.572, 158.792)

Conversions

Conversions Part 1

Format	Color
Hex	8DC8A8
RGB	141, 200, 168
RGB Percent	55%, 78%, 66%
CMY	0.4465, 0.2151, 0.3406
CMYK	0.29, 0.00, 0.16, 0.22
HSL	147°, 35%, 67%
HSV	147°, 29%, 78%
XYZ	38.7805, 49.8872, 44.7026
YIQ	178.7110, -24.8920, -22.4600

Conversions

Conversions Part 2

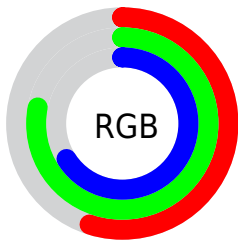
Format	Color
RYB	141, 181, 200
Decimal	9291944
CIELab	76.00, -25.70, 9.97
CIELCh	76, 27.572, 158.792
Yxy	49.8872, 0.2908, 0.3741
Android (android.graphics.Color)	4287482024 (0xFF8DC8A8)
YUV	178.7110, -5.2805, -33.0725
Hunter-Lab	70.6309, -25.5972, 11.9167

Details

The CIELCh color **76, 27.572, 158.792** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 28.384, 344.020**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.421, 159.415**, and **56, 27.655, 158.609** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.590, 157.654**, and if you desaturate by 10%, it is **77, 18.298, 159.801**.

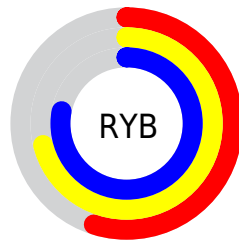
Distribution



Red (55%)

Green (78%)

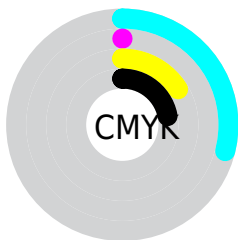
Blue (66%)



Red (55%)

Yellow (71%)

Blue (78%)

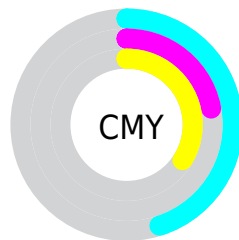


Cyan (29%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (45%)


Magenta (22%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 27.572, 158.792 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 76, 27.572, 158.792 by changing the saturation by 10% instead.

 76, 27.572,
158.792

 76, 27.572,
158.792


 100, 27.572,
158.792


 66, 27.572,
158.792


 96, 27.572,
158.792

 56, 27.572,
158.792

 46, 27.572,
158.792

 36, 27.572,
158.792

 26, 27.572,
158.792

 16, 27.572,
158.792

 6, 27.572, 158.792

0, 27.572, 158.792

76, 27.572,
158.792

76, 27.572,
158.792

75, 36.590,
157.654

77, 18.298,
159.801

74, 45.189,
156.364

79, 8.903, 160.715

73, 53.212,
154.896

81, 0.493, 340.679

83, 9.798, 342.156

72, 60.511,
153.231

85, 18.944,
342.835

72, 66.980,
151.356

86, 26.174,
340.141

71, 72.575,
149.279

87, 30.026,
331.819

■ 71, 77.399,
147.086

■ 87, 34.398,
325.621

■ 71, 77.641,
146.977

Harmonies

Complementary

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



76, 27.572, 158.792



65, 28.384, 344.020

Rectangle

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



76, 27.572, 158.792



76, 27.572, 208.792



76, 27.572, 338.792



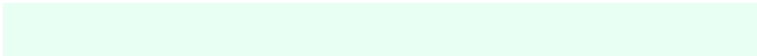
76, 27.572, 28.792

Sweetspot

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



76, 27.573, 158.791



98, 10.286, 160.747



77, 32.883, 125.889



52, 7.150, 160.615



0, 0.000, 0.000



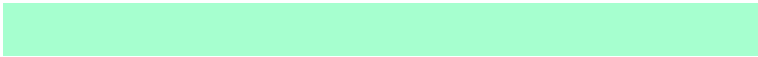
53, 0.007, 296.813

Same Dimension

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



76, 27.573, 158.791



93, 39.652, 158.124



77, 20.036, 193.350



41, 5.298, 160.725



59, 66.211, 147.342



11, 20.720, 154.181

Inverse Universe

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



65, 28.384, 344.020



78, 41.017, 344.663



64, 24.016, 18.006



39, 5.354, 342.139



35, 61.347, 357.641



4, 18.304, 350.374

Previews

White Background



This preview shows how the CIELCh color 76, 27.572, 158.792 looks on a white background.

Color Contrast Check

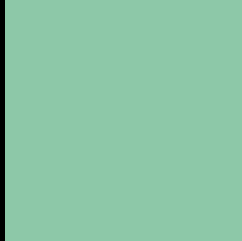
Large Text (above 18pt) WCAG AA × Fail

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 76, 27.572, 158.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

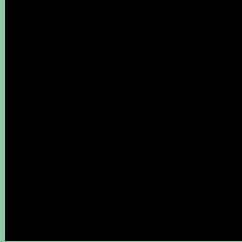
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

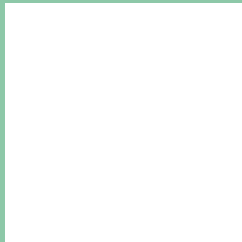
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 27.572, 158.792

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.572, 158.792.



This preview shows how white text looks on a background with the CIELCh color 76, 27.572, 158.792.

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
76, 27.572, 158.792

Protanopia
76, 13.964, 92.558

Deuteranopia
76, 12.464, 40.302



Tritanopia
76, 16.693, 229.757

Trichromacy



Original Color
76, 27.572, 158.792

Protanomaly
76, 15.603, 130.383

Deuteranomaly
75, 8.628, 114.429

Tritanomaly
76, 16.833, 196.304

Monochromacy



Original Color
76, 27.572, 158.792

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.481, 160.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.572, 158.792 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(141, 200, 168)` looks like.

```
.text, #text, p{  
    color:rgb(141, 200, 168)  
}
```

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(141, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 200, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.572, 158.792 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(141, 200, 168) }
```

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

```
.border{ border-color:rgb(141, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 200, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 200, 168); box-shadow:4px 4px 4px 4px rgb(141, 200, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.572, 158.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 200, 168) }
```

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

```
.background{ background-color: rgb(141,  
200, 168) }
```

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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