

Converting Colors

CIELCh(76, 26.067, 165.789)

Have a look what the booklet for
CIELCh(76, 26.067, 165.789)
contains.

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Color

CIELCh(76, 25.946, 166.194)

Conversions

Conversions Part 1

Format	Color
Hex	8AC8AF
RGB	138, 200, 175
RGB Percent	54%, 78%, 69%
CMY	0.4583, 0.2151, 0.3132
CMYK	0.31, 0.00, 0.12, 0.22
HSL	156°, 36%, 66%
HSV	156°, 31%, 78%
XYZ	38.9401, 49.8872, 48.2029
YIQ	178.6120, -28.9270, -20.9190

Conversions

Conversions Part 2

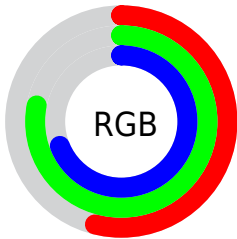
Format	Color
RYB	138, 177, 200
Decimal	9095343
CIELab	76.00, -25.20, 6.19
CIElCh	76, 25.946, 166.194
Yxy	49.8872, 0.2842, 0.3641
Android (android.graphics.Color)	4287285423 (0xFF8AC8AF)
YUV	178.6120, -1.7807, -35.6167
Hunter-Lab	70.6309, -25.1937, 8.9784

Details

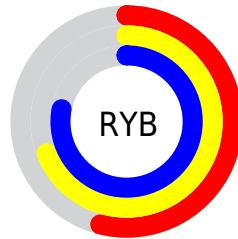
The CIELCh color **76, 25.946, 166.194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 27.555, 352.415**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.662, 167.878**, and **56, 25.827, 166.320** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.799, 164.993**, and if you desaturate by 10%, it is **77, 17.749, 167.277**.

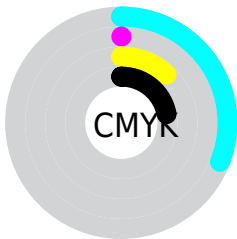
Distribution



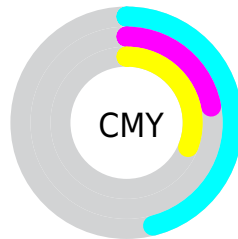
- Red (54%)
- Green (78%)
- Blue (69%)



- Red (54%)
- Yellow (69%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (46%)
- Magenta (22%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 25.946, 166.194 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, 25.946, 166.194 by changing the saturation by 10% instead.

 76, 25.946,
166.194


 76, 25.946,
166.194


 100, 25.946,
166.194


 66, 25.946,
166.194


 96, 25.946,
166.194

 56, 25.946,
166.194

 46, 25.946,
166.194

 36, 25.946,
166.194

 26, 25.946,
166.194

 16, 25.946,
166.194

 6, 25.946, 166.194

■ 0, 25.946, 166.194

■ 76, 25.946,
166.194

■ 76, 25.946,
166.194

■ 75, 33.799,
164.993

■ 77, 17.749,
167.277

■ 74, 41.164,
163.653

■ 79, 9.338, 168.278

■ 73, 47.903,
162.149

■ 80, 0.831, 169.658

■ 82, 7.677, 349.898

■ 72, 53.903,
160.455

■ 84, 16.110,
350.699

■ 72, 59.095,
158.553

■ 86, 23.399,
349.846

■ 72, 63.480,
156.443

■ 86, 25.657,
341.629

■ 71, 66.894,
154.433

■ 86, 28.382,
334.931

■ 87, 31.450,
329.540

Harmonies

Complementary

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



76, 25.946, 166.194



64, 27.555, 352.415

Rectangle

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



76, 25.946, 166.194



76, 25.946, 216.194



76, 25.946, 346.194



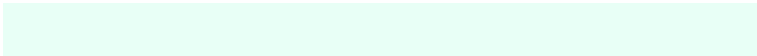
76, 25.946, 36.194

Sweetspot

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



76, 25.947, 166.192



98, 9.320, 168.460



77, 35.748, 130.517



52, 6.474, 168.315



0, 0.000, 0.000



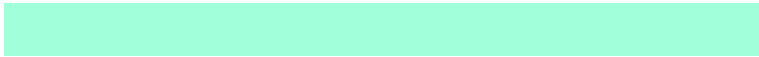
53, 0.007, 296.813

Same Dimension

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



76, 25.947, 166.192



93, 37.367, 165.422



75, 19.033, 206.519



41, 4.799, 168.435



59, 57.098, 154.804



11, 18.457, 160.850

Inverse Universe

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



64, 27.555, 352.415



77, 40.180, 353.299



65, 23.710, 28.493



39, 4.889, 350.005



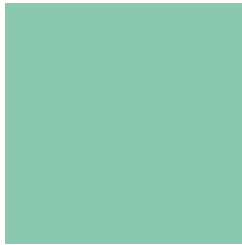
34, 60.648, 10.816



4, 17.068, 358.700

Previews

White Background



This preview shows how the CIELCh color 76, 25.946, 166.194 looks on a white background.

Color Contrast Check

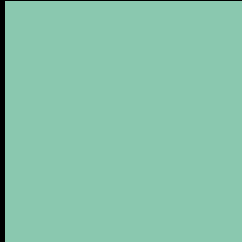
Large Text (above 18pt) WCAG AA × Fail

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, 25.946, 166.194 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, 25.946, 166.194

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.946, 166.194.

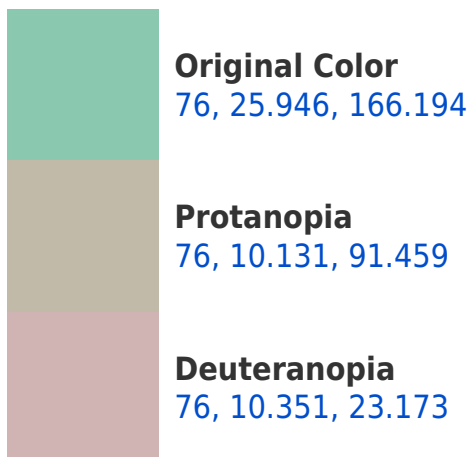


This preview shows how white text looks on a background with the CIELCh color 76, 25.946, 166.194.

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](#).

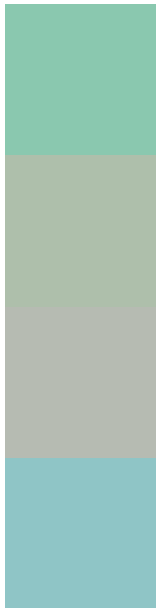
Dichromacy





Tritanopia
76, 17.985, 227.184

Trichromacy



Original Color
76, 25.946, 166.194

Protanomaly
76, 12.558, 139.792

Deuteranomaly
75, 5.204, 130.811

Tritanomaly
76, 18.245, 199.762

Monochromacy



Original Color
76, 25.946, 166.194

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 9.811, 168.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.946, 166.194 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, 200, 175)` looks like.

```
.text, #text, p{  
    color:rgb(138, 200, 175)  
}
```

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, 200, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 200, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.946, 166.194 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, 200, 175) }
```

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

```
.border{ border-color:rgb(138, 200, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 200, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(138, 200,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.946, 166.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 200, 175) }
```

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

```
.background{ background-color: rgb(138,  
200, 175) }
```

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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