

Converting Colors

CIELCh(77, 24.655, 138.620)

Have a look what the booklet for
CIELCh(77, 24.655, 138.620)
contains.

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Color

CIELCh(77, 24.823, 138.540)

Conversions

Conversions Part 1

Format	Color
Hex	A6C79F
RGB	166, 199, 159
RGB Percent	65%, 78%, 62%
CMY	0.3485, 0.2191, 0.3760
CMYK	0.17, 0.00, 0.20, 0.22
HSL	110°, 26%, 70%
HSV	110°, 20%, 78%
XYZ	42.4720, 51.5317, 40.5639
YIQ	184.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

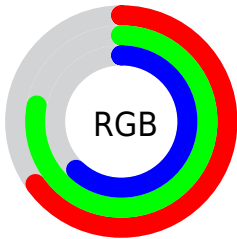
Format	Color
RYB	159, 199, 192
Decimal	10930079
CIELab	77.00, -18.60, 16.44
CIELCh	77, 24.823, 138.540
Yxy	51.5317, 0.3156, 0.3829
Android (android.graphics.Color)	4289120159 (0xFFA6C79F)
YUV	184.5730, -12.6075, -16.2885
Hunter-Lab	71.7856, -20.0153, 16.7470

Details

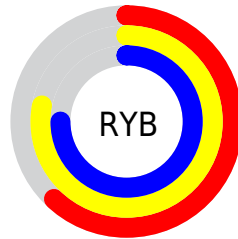
The CIELCh color **77, 24.823, 138.540** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 25.030, 320.452**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 24.291, 138.878**, and **57, 24.943, 137.952** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.182, 137.923**, and if you desaturate by 10%, it is **79, 12.420, 139.094**.

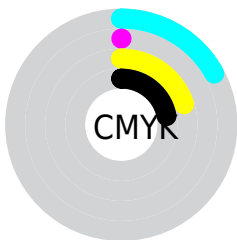
Distribution



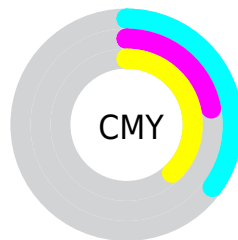
- Red (65%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)




- Cyan (35%)
- Magenta (22%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 24.823, 138.540 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 77, 24.823, 138.540 by changing the saturation by 10% instead.

 77, 24.823,
138.540


 77, 24.823,
138.540


 100, 24.823,
138.540


 67, 24.823,
138.540

 97, 24.823,
138.540

 57, 24.823,
138.540

 47, 24.823,
138.540

 37, 24.823,
138.540

 27, 24.823,
138.540

 17, 24.823,
138.540

 7, 24.823, 138.540

0, 24.823, 138.540

77, 24.823,
138.540

77, 24.823,
138.540

76, 37.182,
137.923

79, 12.420,
139.094

74, 49.307,
137.245

80, 0.102, 141.645

73, 60.950,
136.528

82, 12.034,
319.941

72, 71.778,
135.822

84, 23.924,
320.300

72, 81.356,
135.210

86, 33.884,
322.177

71, 89.167,
134.811

87, 35.043,
325.643

■ 71, 94.718,
134.751

■ 70, 98.032,
134.974

Harmonies

Complementary

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



77, 24.823, 138.540



70, 25.030, 320.452

Rectangle

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



77, 24.823, 138.540



77, 24.823, 188.540



77, 24.823, 318.540



77, 24.823, 8.540

Sweetspot

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



77, 24.825, 138.541



99, 9.002, 139.303



77, 17.641, 99.109



53, 5.974, 139.268



0, 0.000, 0.000



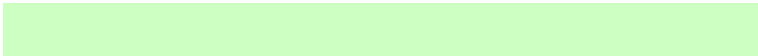
53, 0.007, 296.813

Same Dimension

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



77, 24.825, 138.541



95, 36.267, 138.286



77, 20.915, 153.451



41, 6.970, 139.131



59, 84.434, 134.850



11, 25.324, 140.144

Inverse Universe

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



70, 25.030, 320.452



84, 36.619, 320.646



70, 21.107, 336.386



39, 7.005, 319.956



34, 84.023, 321.650



4, 24.738, 319.551

Previews

White Background



This preview shows how the CIELCh color 77, 24.823, 138.540 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 77, 24.823, 138.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

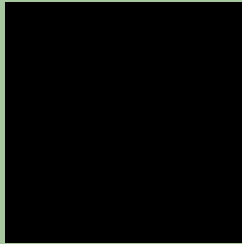
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.823, 138.540

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.823, 138.540.

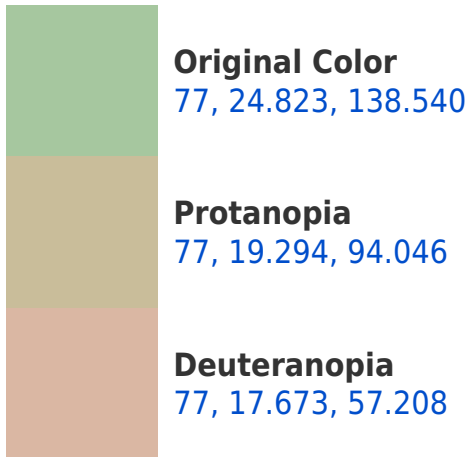



This preview shows how white text looks on a background with the CIELCh color 77, 24.823, 138.540.

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](#).

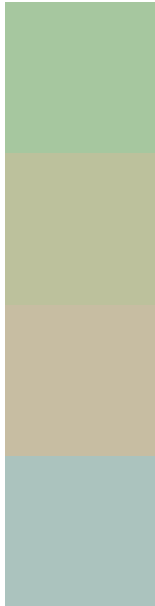
Dichromacy





Tritanopia
77, 10.490, 254.398

Trichromacy



Original Color
77, 24.823, 138.540

Protanomaly
77, 19.801, 114.022

Deuteranomaly
77, 14.953, 93.586

Tritanomaly
77, 9.105, 181.569

Monochromacy



Original Color
77, 24.823, 138.540

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 8.801, 140.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.823, 138.540 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(166, 199, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 199, 159)  
}
```

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(166, 199, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 199, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.823, 138.540 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(166, 199, 159) }
```

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

```
.border{ border-color:rgb(166, 199, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 199, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 199, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 199, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 199,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.823, 138.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 199, 159) }
```

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

```
.background{ background-color: rgb(166,  
199, 159) }
```

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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