

Converting Colors

CIELCh(77, 36.300, 143.956)

Have a look what the booklet for
CIELCh(77, 36.300, 143.956)
contains.

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Color

CIELCh(77, 36.158, 144.355)

Conversions

Conversions Part 1

Format	Color
Hex	92CC96
RGB	146, 204, 150
RGB Percent	57%, 80%, 59%
CMY	0.4272, 0.1998, 0.4116
CMYK	0.28, 0.00, 0.26, 0.20
HSL	124°, 36%, 69%
HSV	124°, 28%, 80%
XYZ	38.9789, 51.5317, 36.7683
YIQ	180.5020, -17.2340, -29.0900

Conversions

Conversions Part 2

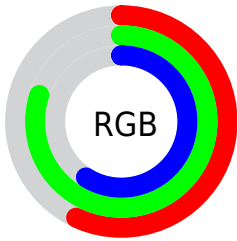
Format	Color
RYB	146, 200, 204
Decimal	9620630
CIELab	77.00, -29.38, 21.07
CIELCh	77, 36.158, 144.355
Yxy	51.5317, 0.3062, 0.4049
Android (android.graphics.Color)	4287810710 (0xFF92CC96)
YUV	180.5020, -15.0375, -30.2583
Hunter-Lab	71.7856, -28.7011, 19.8818

Details

The CIELCh color **77, 36.158, 144.355** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 36.181, 327.957**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 32.586, 144.557**, and **57, 35.674, 144.273** is the 20% darker color. If you saturate the color by 10%, you get **76, 48.636, 143.414**, and if you desaturate by 10%, it is **79, 23.428, 145.169**.

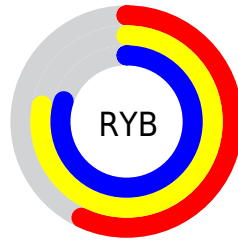
Distribution



Red (57%)

Green (80%)

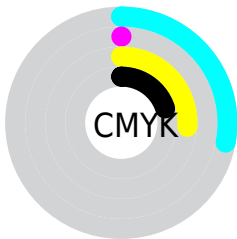
Blue (59%)



Red (57%)

Yellow (78%)

Blue (80%)

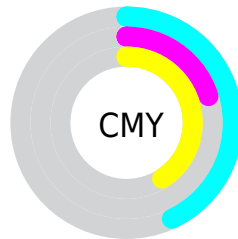


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (43%)


Magenta (20%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 36.158, 144.355 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, 36.158, 144.355 by changing the saturation by 10% instead.


 77, 36.158,
144.355


 77, 36.158,
144.355


 100, 36.158,
144.355


 67, 36.158,
144.355


 97, 36.158,
144.355

 57, 36.158,
144.355

 47, 36.158,
144.355

 37, 36.158,
144.355

 27, 36.158,
144.355

 17, 36.158,
144.355

 7, 36.158, 144.355

0, 36.158, 144.355

77, 36.158,
144.355

77, 36.158,
144.355

76, 48.636,
143.414

79, 23.428,
145.169

74, 60.583,
142.339

80, 10.658,
145.875

73, 71.668,
141.143

82, 1.986, 326.297

73, 81.509,
139.869

85, 14.388,
326.919

72, 89.689,
138.599

87, 26.472,
327.356

72, 95.801,
137.457

88, 31.945,
325.536

■ 72, 99.603,
136.604

■ 72, 100.018,
136.524

Harmonies

Complementary

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



77, 36.158, 144.355



68, 36.181, 327.957

Rectangle

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



77, 36.158, 144.355



77, 36.158, 194.355



77, 36.158, 324.355



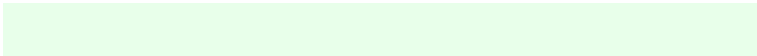
77, 36.158, 14.355

Sweetspot

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



77, 36.160, 144.355



98, 13.649, 145.828



81, 30.440, 110.351



52, 9.494, 145.729



0, 0.000, 0.000



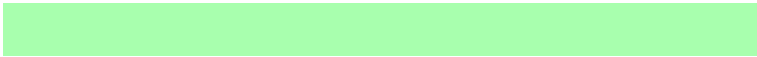
53, 0.007, 296.813

Same Dimension

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



77, 36.160, 144.355



93, 51.707, 143.805



78, 24.821, 164.704



42, 7.179, 145.810



59, 85.431, 136.652



12, 27.738, 144.066

Inverse Universe

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



68, 36.181, 327.957



80, 51.689, 328.297



67, 26.048, 350.212



40, 7.192, 326.858



39, 79.339, 331.155



5, 27.474, 329.842

Previews

White Background



This preview shows how the CIELCh color 77, 36.158, 144.355 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 77, 36.158, 144.355 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, 36.158, 144.355

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.158, 144.355.

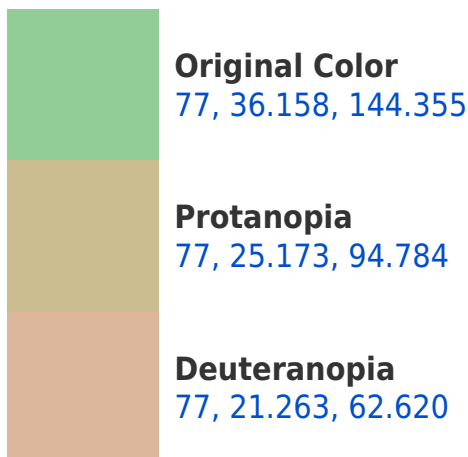


This preview shows how white text looks on a background with the CIELCh color 77, 36.158, 144.355.

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](#).

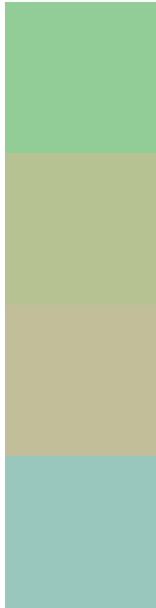
Dichromacy





Tritanopia
77, 15.383, 232.768

Trichromacy



Original Color
77, 36.158, 144.355

Protanomaly
76, 25.939, 118.364

Deuteranomaly
76, 19.769, 104.859

Tritanomaly
77, 17.164, 179.815

Monochromacy



Original Color
77, 36.158, 144.355

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 12.988, 146.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.158, 144.355 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(146, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(146, 204, 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(146, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 204, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.158, 144.355 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(146, 204, 150) }
```

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

```
.border{ border-color:rgb(146, 204, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 204, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 204, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 204, 150); box-shadow:4px 4px 4px 4px rgb(146, 204, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.158, 144.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 204, 150) }
```

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

```
.background{ background-color: rgb(146,  
204, 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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