

Converting Colors

CIELCh(76, 35.084, 147.442)

Have a look what the booklet for
CIELCh(76, 35.084, 147.442)
contains.

CIELCh(76, 34.559, 147.718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 34.559, 147.718)

Conversions

Conversions Part 1

Format	Color
Hex	8DC998
RGB	141, 201, 152
RGB Percent	55%, 79%, 60%
CMY	0.4459, 0.2105, 0.4027
CMYK	0.30, 0.00, 0.24, 0.21
HSL	131°, 36%, 67%
HSV	131°, 30%, 79%
XYZ	37.6889, 49.8872, 37.4776
YIQ	177.4740, -20.0310, -27.9590

Conversions

Conversions Part 2

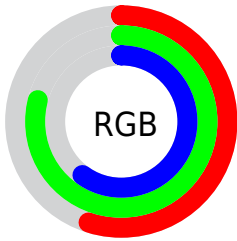
Format	Color
RYB	141, 192, 201
Decimal	9292184
CIELab	76.00, -29.22, 18.46
CIELCh	76, 34.559, 147.718
Yxy	49.8872, 0.3014, 0.3989
Android (android.graphics.Color)	4287482264 (0xFF8DC998)
YUV	177.4740, -12.5587, -31.9877
Hunter-Lab	70.6309, -28.3558, 17.9816

Details

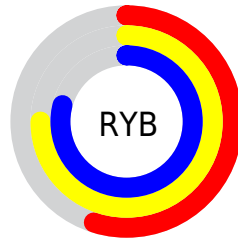
The CIELCh color **76, 34.559, 147.718** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 34.684, 331.821**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 32.847, 147.834**, and **56, 34.633, 147.630** is the 20% darker color. If you saturate the color by 10%, you get **75, 45.903, 146.712**, and if you desaturate by 10%, it is **78, 22.974, 148.588**.

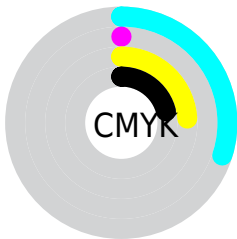
Distribution



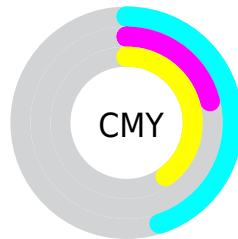
- Red (55%)
- Green (79%)
- Blue (60%)



- Red (55%)
- Yellow (75%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)





- Cyan (45%)
- Magenta (21%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 34.559, 147.718 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, 34.559, 147.718 by changing the saturation by 10% instead.


 76, 34.559,
147.718


 76, 34.559,
147.718


 100, 34.559,
147.718


 66, 34.559,
147.718


 96, 34.559,
147.718

 56, 34.559,
147.718

 46, 34.559,
147.718

 36, 34.559,
147.718

 26, 34.559,
147.718

 16, 34.559,
147.718

 6, 34.559, 147.718

0, 34.559, 147.718

76, 34.559,
147.718

76, 34.559,
147.718

75, 45.903,
146.712

78, 22.974,
148.588

74, 56.775,
145.553

79, 11.330,
149.346

73, 66.925,
144.236

81, 0.225, 328.604

72, 76.081,
142.773

83, 11.585,
330.489

71, 83.980,
141.204

85, 22.675,
330.983

71, 90.385,
139.607

87, 31.992,
327.739

■ 71, 95.182,
138.152

■ 87, 33.667,
325.595

■ 71, 95.260,
138.129

Harmonies

Complementary

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



76, 34.559, 147.718



66, 34.684, 331.821

Rectangle

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



76, 34.559, 147.718



76, 34.559, 197.718



76, 34.559, 327.718



76, 34.559, 17.718

Sweetspot

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



76, 34.561, 147.718



98, 12.587, 149.395



79, 31.782, 114.549



52, 8.754, 149.289



0, 0.000, 0.000



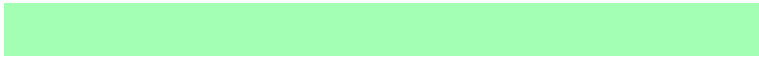
53, 0.007, 296.813

Same Dimension

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



76, 34.561, 147.718



93, 50.410, 147.061



77, 23.839, 170.760



41, 6.483, 149.377



58, 81.041, 138.372



11, 24.317, 146.942

Inverse Universe

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



66, 34.684, 331.821



78, 50.548, 332.268



65, 25.756, 356.913



39, 6.502, 330.493



37, 71.854, 337.053



4, 22.784, 334.203

Previews

White Background



This preview shows how the CIELCh color 76, 34.559, 147.718 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, 34.559, 147.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

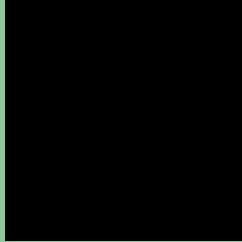
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 34.559, 147.718

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.559, 147.718.

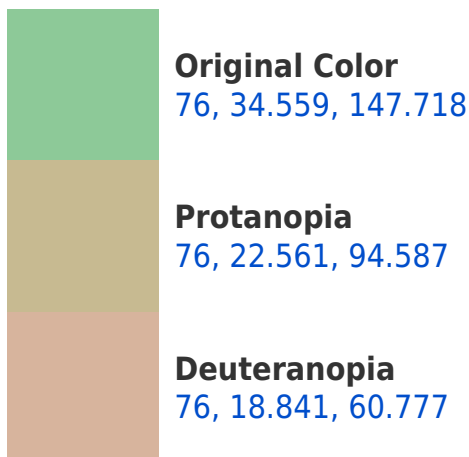


This preview shows how white text looks on a background with the CIELCh color 76, 34.559, 147.718.

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, 15.944, 229.133

Trichromacy



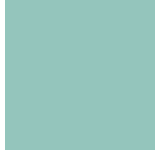
Original Color
76, 34.559, 147.718



Protanomaly
76, 24.104, 121.204



Deuteranomaly
75, 17.653, 108.496

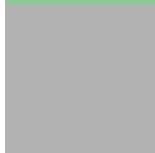


Tritanomaly
76, 17.916, 182.289

Monochromacy



Original Color
76, 34.559, 147.718



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 12.172, 149.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.559, 147.718 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, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 152)  
}
```

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, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.559, 147.718 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, 201, 152) }
```

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

```
.border{ border-color:rgb(141, 201, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 201, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 201, 152); box-shadow:4px 4px 4px 4px rgb(141, 201, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.559, 147.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 152) }
```

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

```
.background{ background-color: rgb(141,  
201, 152) }
```

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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