

Converting Colors

CIELCh(78, 34.447, 139.057)

Have a look what the booklet for
CIELCh(78, 34.447, 139.057)
contains.

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Color

CIELCh(78, 34.278, 138.937)

Conversions

Conversions Part 1

Format	Color
Hex	9ECD96
RGB	158, 205, 150
RGB Percent	62%, 80%, 59%
CMY	0.3799, 0.1956, 0.4113
CMYK	0.23, 0.00, 0.27, 0.20
HSL	111°, 36%, 70%
HSV	111°, 27%, 80%
XYZ	41.5021, 53.2120, 36.9896
YIQ	184.6770, -10.3570, -27.0690

Conversions

Conversions Part 2

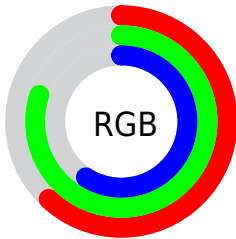
Format	Color
RYB	150, 205, 197
Decimal	10407318
CIELab	78.00, -25.85, 22.52
CIELCh	78, 34.278, 138.937
Yxy	53.2120, 0.3151, 0.4040
Android (android.graphics.Color)	4288597398 (0xFF9ECD96)
YUV	184.6770, -17.0958, -23.3957
Hunter-Lab	72.9466, -26.1009, 20.9979

Details

The CIELCh color **78, 34.278, 138.937** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 34.572, 321.651**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 30.194, 138.487**, and **58, 34.567, 139.246** is the 20% darker color. If you saturate the color by 10%, you get **77, 46.914, 138.242**, and if you desaturate by 10%, it is **80, 21.467, 139.560**.

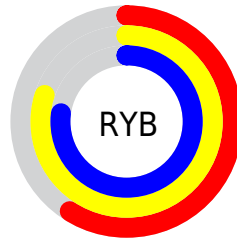
Distribution



Red (62%)

Green (80%)

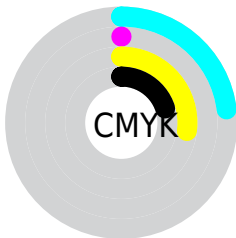
Blue (59%)



Red (59%)

Yellow (80%)

Blue (77%)

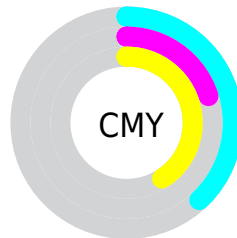


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (20%)



Cyan (38%)


Magenta (20%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.278, 138.937 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 78, 34.278, 138.937 by changing the saturation by 10% instead.


 78, 34.278,
138.937


 78, 34.278,
138.937


 100, 34.278,
138.937


 68, 34.278,
138.937


 98, 34.278,
138.937

 58, 34.278,
138.937

 48, 34.278,
138.937

 38, 34.278,
138.937

 28, 34.278,
138.937

 18, 34.278,
138.937

 8, 34.278, 138.937

0, 34.278, 138.937

78, 34.278,
138.937

78, 34.278,
138.937

77, 46.914,
138.242

80, 21.467,
139.560

75, 59.124,
137.488

81, 8.655, 140.117

74, 70.588,
136.713

83, 4.026, 320.501

85, 16.485,
320.944

74, 80.882,
135.988

87, 28.660,
321.291

73, 89.490,
135.422

88, 31.270,
325.513

73, 95.873,
135.147

■ 72, 99.724,
135.239

■ 72, 100.623,
135.264

Harmonies

Complementary

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



78, 34.278, 138.937



68, 34.572, 321.651

Rectangle

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



78, 34.278, 138.937



78, 34.278, 188.937



78, 34.278, 318.937



78, 34.278, 8.937

Sweetspot

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



78, 34.280, 138.938



98, 12.131, 140.048



79, 24.947, 100.274



52, 8.630, 139.965



0, 0.000, 0.000



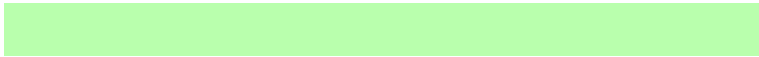
53, 0.007, 296.813

Same Dimension

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



78, 34.280, 138.938



94, 48.752, 138.557



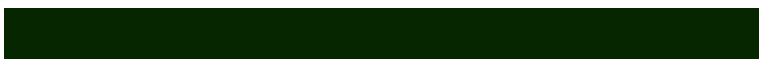
78, 27.860, 154.191



42, 7.183, 139.978



59, 85.747, 135.152



12, 27.480, 140.007

Inverse Universe

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



68, 34.572, 321.651



80, 49.231, 321.903



68, 28.256, 338.413



40, 7.214, 320.831



35, 84.677, 322.706



4, 27.549, 321.736

Previews

White Background



This preview shows how the CIELCh color 78, 34.278, 138.937 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 78, 34.278, 138.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

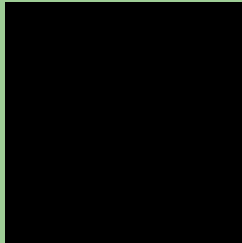
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.278, 138.937

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.278, 138.937.



This preview shows how white text looks on a background with the CIELCh color 78, 34.278, 138.937.

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](#).

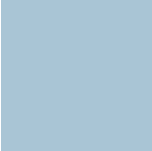
Dichromacy



Original Color
78, 34.278, 138.937

Protanopia
78, 26.129, 95.218

Deuteranopia
78, 23.084, 65.445



Tritanopia
78, 12.629, 241.822

Trichromacy



Original Color
78, 34.278, 138.937

Protanomaly
78, 27.157, 114.423

Deuteranomaly
77, 20.993, 99.493

Tritanomaly
78, 13.707, 175.345

Monochromacy



Original Color
78, 34.278, 138.937

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 12.546, 139.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.278, 138.937 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(158, 205, 150)` looks like.

```
.text, #text, p{  
    color:rgb(158, 205, 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(158, 205, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 205, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.278, 138.937 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(158, 205, 150) }
```

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

```
.border{ border-color:rgb(158, 205, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 205, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 205, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 205, 150);  
box-shadow:4px 4px 4px 4px rgb(158, 205,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.278, 138.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 205, 150) }
```

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

```
.background{ background-color: rgb(158,  
205, 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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