

Converting Colors

CIELCh(80, 35.365, 154.239)

Have a look what the booklet for
CIELCh(80, 35.365, 154.239)
contains.

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Color

CIELCh(80, 35.361, 154.537)

Conversions

Conversions Part 1

Format	Color
Hex	8ED6A9
RGB	142, 214, 169
RGB Percent	56%, 84%, 66%
CMY	0.4433, 0.1609, 0.3374
CMYK	0.34, 0.00, 0.21, 0.16
HSL	142°, 47%, 70%
HSV	142°, 34%, 84%
XYZ	42.3413, 56.6813, 46.2246
YIQ	187.3420, -28.4670, -29.2590

Conversions

Conversions Part 2

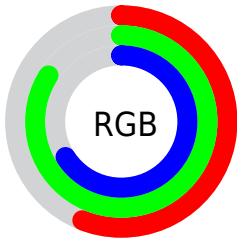
Format	Color
RYB	142, 194, 214
Decimal	9361065
CIELab	80.00, -31.93, 15.20
CIELCh	80, 35.361, 154.537
Yxy	56.6813, 0.2915, 0.3902
Android (android.graphics.Color)	4287551145 (0xFF8ED6A9)
YUV	187.3420, -9.0426, -39.7649
Hunter-Lab	75.2870, -31.3639, 16.2981

Details

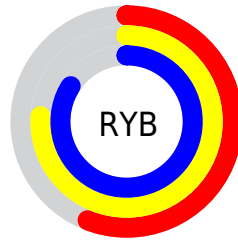
The CIELCh color **80, 35.361, 154.537** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 36.061, 340.212**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.562, 159.420**, and **60, 35.288, 154.522** is the 20% darker color. If you saturate the color by 10%, you get **79, 45.436, 153.370**, and if you desaturate by 10%, it is **81, 24.962, 155.557**.

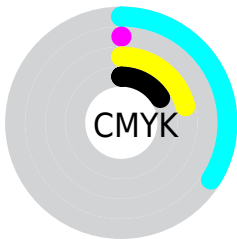
Distribution



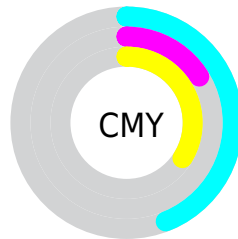
- Red (56%)
- Green (84%)
- Blue (66%)



- Red (56%)
- Yellow (76%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 35.361, 154.537 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 80, 35.361, 154.537 by changing the saturation by 10% instead.


 80, 35.361,
154.537


 80, 35.361,
154.537


 100, 35.361,
154.537


 70, 35.361,
154.537


 60, 35.361,
154.537

 50, 35.361,
154.537

 40, 35.361,
154.537

 30, 35.361,
154.537

 20, 35.361,
154.537

 10, 35.361,

154.537

■ 0, 35.361, 154.537

■ 80, 35.361,
154.537

■ 80, 35.361,
154.537

■ 79, 45.436,
153.370

■ 81, 24.962,
155.557

■ 78, 54.996,
152.035

■ 83, 14.404,
156.460

■ 77, 63.853,
150.510

■ 85, 3.833, 157.320

■ 76, 71.838,
148.784

■ 87, 6.640, 337.862

■ 76, 78.835,
146.863

■ 89, 16.931,
338.523

■ 90, 23.336,
329.522

■ 75, 84.797,
144.784

■ 90, 25.714,
325.320

■ 75, 88.129,
143.463

Harmonies

Complementary

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



80, 35.361, 154.537



67, 36.061, 340.212

Rectangle

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



80, 35.361, 154.537



80, 35.361, 204.537



80, 35.361, 334.537



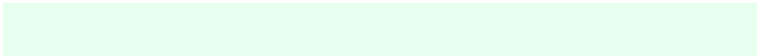
80, 35.361, 24.537

Sweetspot

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



80, 35.362, 154.536



98, 12.152, 156.760



82, 38.807, 122.505



52, 8.295, 156.641



0, 0.000, 0.000



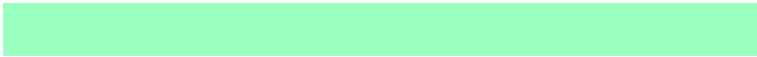
53, 0.007, 296.813

Same Dimension

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



80, 35.362, 154.536



93, 48.184, 153.767



81, 24.643, 185.623



44, 5.985, 156.817



61, 73.927, 143.823



14, 26.002, 149.039

Inverse Universe

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



67, 36.061, 340.212



75, 49.220, 340.872



66, 29.272, 12.218



42, 6.029, 338.142



37, 65.574, 350.600



5, 25.172, 345.682

Previews

White Background



This preview shows how the CIELCh color 80, 35.361, 154.537 looks on a white background.

Color Contrast Check

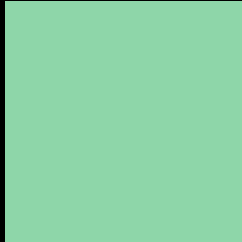
Large Text (above 18pt) WCAG AA × Fail

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 80, 35.361, 154.537 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 80, 35.361, 154.537

Background



This preview shows how black text looks on a background with the CIELCh color 80, 35.361, 154.537.



This preview shows how white text looks on a background with the CIELCh color 80, 35.361, 154.537.

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
80, 35.361, 154.537

Protanopia
80, 19.658, 94.460

Deuteranopia
80, 16.206, 51.694

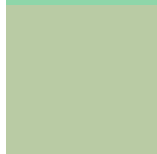


Tritanopia
80, 19.200, 224.843

Trichromacy



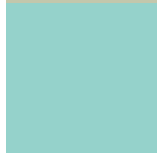
Original Color
80, 35.361, 154.537



Protanomaly
79, 21.787, 126.820



Deuteranomaly
79, 14.407, 114.981



Tritanomaly
80, 21.065, 187.631

Monochromacy



Original Color
80, 35.361, 154.537



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 13.304, 155.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 35.361, 154.537 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(142, 214, 169)` looks like.

```
.text, #text, p{  
    color:rgb(142, 214, 169)  
}
```

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(142, 214, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 214, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 35.361, 154.537 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(142, 214, 169) }
```

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

```
.border{ border-color:rgb(142, 214, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 214, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 214, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 214, 169);  
box-shadow:4px 4px 4px 4px rgb(142, 214,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 35.361, 154.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 214, 169) }
```

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

```
.background{ background-color: rgb(142,  
214, 169) }
```

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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