

Converting Colors

CIELCh(80, 58.033, 143.446)

Have a look what the booklet for
CIELCh(80, 58.033, 143.446)
contains.

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Color

CIELCh(80, 58.052, 143.446)

Conversions

Conversions Part 1

Format	Color
Hex	7ADB83
RGB	122, 219, 131
RGB Percent	48%, 86%, 51%
CMY	0.5201, 0.1396, 0.4849
CMYK	0.44, 0.00, 0.40, 0.14
HSL	126°, 58%, 67%
HSV	126°, 44%, 86%
XYZ	37.6353, 56.6813, 30.5572
YIQ	179.9650, -29.5640, -47.9320

Conversions

Conversions Part 2

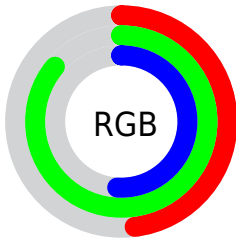
Format	Color
RYB	122, 211, 219
Decimal	8051587
CIELab	80.00, -46.63, 34.57
CIElCh	80, 58.052, 143.446
Yxy	56.6813, 0.3014, 0.4539
Android (android.graphics.Color)	4286241667 (0xFF7ADB83)
YUV	179.9650, -24.1397, -50.8353
Hunter-Lab	75.2870, -42.5217, 28.6365

Details

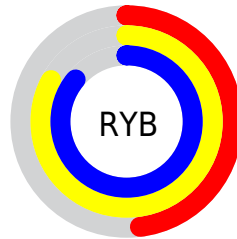
The CIELCh color **80, 58.052, 143.446** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **65, 57.871, 329.604**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 45.094, 144.483**, and **60, 57.945, 143.401** is the 20% darker color. If you saturate the color by 10%, you get **79, 70.059, 142.272**, and if you desaturate by 10%, it is **81, 45.313, 144.484**.

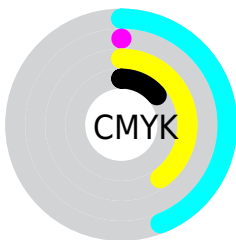
Distribution



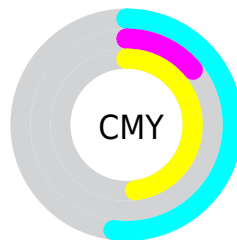
- Red (48%)
- Green (86%)
- Blue (51%)



- Red (48%)
- Yellow (83%)
- Blue (86%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)




- Cyan (52%)
- Magenta (14%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 58.052, 143.446 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, 58.052, 143.446 by changing the saturation by 10% instead.

 80, 58.052,
143.446

 80, 58.052,
143.446

 100, 58.052,
143.446

 70, 58.052,
143.446


 60, 58.052,
143.446

 50, 58.052,
143.446

 40, 58.052,
143.446

 30, 58.052,
143.446

 20, 58.052,
143.446

 10, 58.052,

143.446

■ 0, 58.052, 143.446

■ 80, 58.052,
143.446

■ 80, 58.052,
143.446

■ 79, 70.059,
142.272

■ 81, 45.313,
144.484

■ 78, 80.967,
140.982

■ 83, 32.153,
145.383

■ 77, 90.378,
139.634

■ 85, 18.829,
146.159

■ 77, 97.881,
138.325

■ 87, 5.544, 146.854

■ 77, 103.129,
137.190

■ 89, 7.555, 327.319

■ 91, 20.364,
327.823

■ 77, 105.128,
136.711

■ 91, 22.291,
325.200

Harmonies

Complementary

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



80, 58.052, 143.446



65, 57.871, 329.604

Rectangle

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



80, 58.052, 143.446



80, 58.052, 193.446



80, 58.052, 323.446



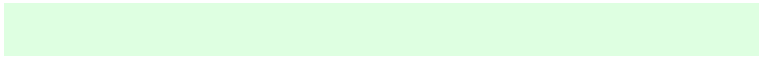
80, 58.052, 13.446

Sweetspot

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



80, 58.053, 143.446



97, 19.441, 146.238



85, 49.476, 109.781



51, 13.618, 146.078



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, 58.053, 143.446



90, 77.490, 142.367



81, 39.470, 163.746



45, 7.495, 146.494



62, 87.862, 136.870



15, 32.174, 141.783

Inverse Universe

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



65, 57.871, 329.604



70, 76.808, 330.115



63, 42.731, 353.461



43, 7.510, 327.564



40, 80.517, 332.274



7, 32.393, 331.447

Previews

White Background



This preview shows how the CIELCh color 80, 58.052, 143.446 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, 58.052, 143.446 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, 58.052, 143.446

Background



This preview shows how black text looks on a background with the CIELCh color 80, 58.052, 143.446.

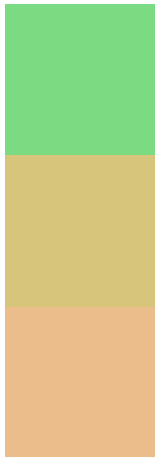


This preview shows how white text looks on a background with the CIELCh color 80, 58.052, 143.446.

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, 58.052, 143.446

Protanopia
80, 39.524, 95.610

Deuteranopia
80, 33.509, 72.823



Tritanopia
80, 22.415, 222.113

Trichromacy



Original Color
80, 58.052, 143.446



Protanomaly
79, 42.235, 119.735



Deuteranomaly
79, 33.675, 111.236



Tritanomaly
80, 28.617, 174.228

Monochromacy



Original Color
80, 58.052, 143.446



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 21.756, 145.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 58.052, 143.446 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(122, 219, 131)` looks like.

```
.text, #text, p{  
    color:rgb(122, 219, 131)  
}
```

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(122, 219, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 219, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 58.052, 143.446 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(122, 219, 131) }
```

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

```
.border{ border-color:rgb(122, 219, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 219, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 219, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 219, 131);  
box-shadow:4px 4px 4px 4px rgb(122, 219,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 58.052, 143.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 219, 131) }
```

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

```
.background{ background-color: rgb(122,  
219, 131) }
```

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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