

Converting Colors

CIELCh(80, 38.113, 152.681)

Have a look what the booklet for
CIELCh(80, 38.113, 152.681)
contains.

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Color

CIELCh(80, 38.224, 152.970)

Conversions

Conversions Part 1

Format	Color
Hex	8BD7A5
RGB	139, 215, 165
RGB Percent	55%, 84%, 65%
CMY	0.4557, 0.1576, 0.3537
CMYK	0.35, 0.00, 0.23, 0.16
HSL	141°, 49%, 69%
HSV	141°, 35%, 84%
XYZ	41.6392, 56.6813, 44.2528
YIQ	186.5760, -29.2460, -31.6620

Conversions

Conversions Part 2

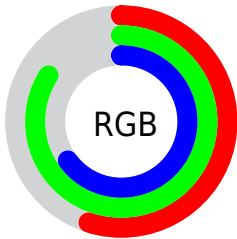
Format	Color
RYB	139, 196, 215
Decimal	9164709
CIELab	80.00, -34.05, 17.37
CIELCh	80, 38.224, 152.970
Yxy	56.6813, 0.2921, 0.3976
Android (android.graphics.Color)	4287354789 (0xFF8BD7A5)
YUV	186.5760, -10.6370, -41.7242
Hunter-Lab	75.2870, -33.0287, 17.8509

Details

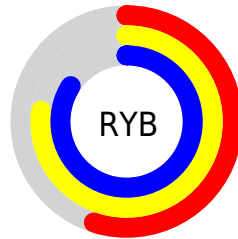
The CIELCh color **80, 38.224, 152.970** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 38.837, 338.807**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.728, 157.419**, and **60, 38.450, 153.012** is the 20% darker color. If you saturate the color by 10%, you get **79, 48.546, 151.792**, and if you desaturate by 10%, it is **81, 27.547, 153.997**.

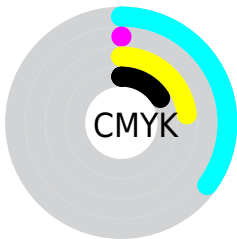
Distribution



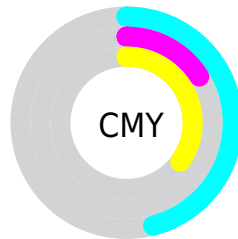
- Red (55%)
- Green (84%)
- Blue (65%)



- Red (55%)
- Yellow (77%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (46%)
- Magenta (16%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 38.224, 152.970 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, 38.224, 152.970 by changing the saturation by 10% instead.


 80, 38.224,
152.970


 80, 38.224,
152.970


 100, 38.224,
152.970


 70, 38.224,
152.970

 60, 38.224,
152.970

 50, 38.224,
152.970

 40, 38.224,
152.970

 30, 38.224,
152.970

 20, 38.224,
152.970

 10, 38.224,

152.970

■ 0, 38.224, 152.970

■ 80, 38.224,
152.970

■ 80, 38.224,
152.970

■ 79, 48.546,
151.792

■ 81, 27.547,
153.997

■ 78, 58.310,
150.441

■ 83, 16.692,
154.898

■ 77, 67.319,
148.900

■ 85, 5.811, 155.723

■ 76, 75.398,
147.163

■ 87, 4.974, 336.276

■ 76, 82.421,
145.248

■ 89, 15.573,
336.942

■ 90, 22.964,
329.274

■ 76, 88.334,
143.203

■ 90, 25.182,
325.301

■ 75, 90.765,
142.288

Harmonies

Complementary

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



80, 38.224, 152.970



67, 38.837, 338.807

Rectangle

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



80, 38.224, 152.970



80, 38.224, 202.970



80, 38.224, 332.970



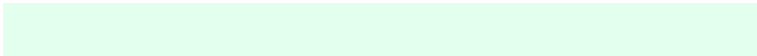
80, 38.224, 22.970

Sweetspot

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



80, 38.225, 152.970



98, 13.704, 155.254



83, 40.605, 121.095



52, 9.212, 155.141



0, 0.000, 0.000



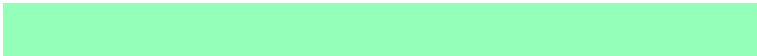
53, 0.007, 296.813

Same Dimension

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



80, 38.225, 152.970



92, 51.824, 152.159



81, 26.331, 182.631



44, 6.133, 155.391



61, 75.917, 142.640



14, 26.636, 147.985

Inverse Universe

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



67, 38.837, 338.807



75, 52.674, 339.463



66, 31.074, 9.949



42, 6.171, 336.677



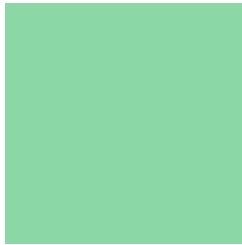
38, 66.736, 347.956



5, 25.715, 343.599

Previews

White Background



This preview shows how the CIELCh color 80, 38.224, 152.970 looks on a white background.

Color Contrast Check

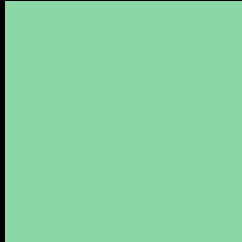
Large Text (above 18pt) WCAG AA × Fail

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, 38.224, 152.970 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, 38.224, 152.970

Background



This preview shows how black text looks on a background with the CIELCh color 80, 38.224, 152.970.



This preview shows how white text looks on a background with the CIELCh color 80, 38.224, 152.970.

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, 38.224, 152.970

Protanopia
80, 22.323, 94.753

Deuteranopia
80, 17.848, 56.501



Tritanopia
80, 19.895, 225.555

Trichromacy



Original Color
80, 38.224, 152.970



Protanomaly
79, 24.408, 125.607



Deuteranomaly
79, 16.552, 115.367



Tritanomaly
80, 21.817, 186.497

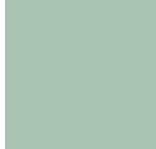
Monochromacy



Original Color
80, 38.224, 152.970



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 13.965, 154.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 38.224, 152.970 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(139, 215, 165)` looks like.

```
.text, #text, p{  
    color:rgb(139, 215, 165)  
}
```

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(139, 215, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 215, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 38.224, 152.970 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(139, 215, 165) }
```

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

```
.border{ border-color:rgb(139, 215, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 215, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 215, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 215, 165);  
box-shadow:4px 4px 4px 4px rgb(139, 215,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 38.224, 152.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 215, 165) }
```

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

```
.background{ background-color: rgb(139,  
215, 165) }
```

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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