

Converting Colors

CIELCh(80, 37.914, 126.528)

Have a look what the booklet for
CIELCh(80, 37.914, 126.528)
contains.

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Color

CIELCh(80, 38.204, 126.217)

Conversions

Conversions Part 1

Format	Color
Hex	B1D18C
RGB	177, 209, 140
RGB Percent	69%, 82%, 55%
CMY	0.3069, 0.1814, 0.4519
CMYK	0.15, 0.00, 0.33, 0.18
HSL	88°, 43%, 68%
HSV	88°, 33%, 82%
XYZ	45.5295, 56.6813, 33.2600
YIQ	191.5660, 3.0770, -28.2430

Conversions

Conversions Part 2

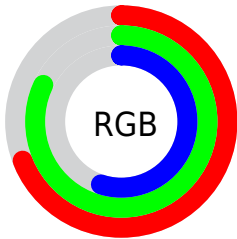
Format	Color
RYB	140, 209, 172
Decimal	11653516
CIELab	80.00, -22.57, 30.82
CIElCh	80, 38.204, 126.217
Yxy	56.6813, 0.3361, 0.4184
Android (android.graphics.Color)	4289843596 (0xFFB1D18C)
YUV	191.5660, -25.4220, -12.7744
Hunter-Lab	75.2870, -23.8050, 26.5079

Details

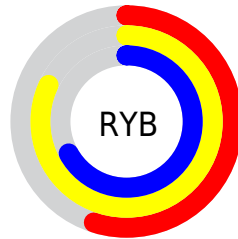
The CIELCh color $80, 38.204, 126.217$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $63, 40.189, 309.503$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 31.916, 122.781$, and $60, 37.995, 126.305$ is the 20% darker color. If you saturate the color by 10%, you get $79, 49.400, 125.746$, and if you desaturate by 10%, it is $81, 26.738, 126.713$.

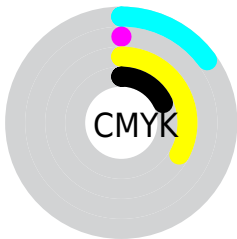
Distribution



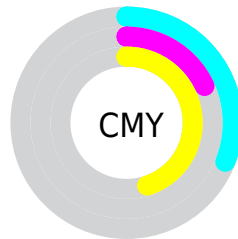
- Red (69%)
- Green (82%)
- Blue (55%)



- Red (55%)
- Yellow (82%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (18%)




- Cyan (31%)
- Magenta (18%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 38.204, 126.217 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, 38.204, 126.217 by changing the saturation by 10% instead.


 80, 38.204,
126.217

 80, 38.204,
126.217


 100, 38.204,
126.217


 70, 38.204,
126.217

 60, 38.204,
126.217

 50, 38.204,
126.217

 40, 38.204,
126.217

 30, 38.204,
126.217

 20, 38.204,
126.217

 10, 38.204,

126.217

■ 0, 38.204, 126.217

■ 80, 38.204,
126.217

■ 80, 38.204,
126.217

■ 79, 49.400,
125.746

■ 81, 26.738,
126.713

■ 78, 60.107,
125.340

■ 82, 15.144,
127.202

■ 77, 70.018,
125.069

■ 83, 3.525, 127.691

■ 77, 78.709,
125.035

■ 85, 8.048, 308.080

■ 76, 85.678,
125.362

■ 86, 19.523,
308.487

■ 87, 25.931,
312.082

■ 76, 90.512,
126.162

■ 88, 27.222,
318.809

■ 75, 92.825,
126.932

■ 89, 28.848,
324.962

■ 89, 28.994,
325.434

Harmonies

Complementary

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



80, 38.204, 126.217



63, 40.189, 309.503

Rectangle

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



80, 38.204, 126.217



80, 38.204, 176.217



80, 38.204, 306.217



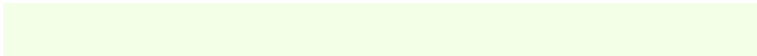
80, 38.204, 356.217

Sweetspot

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



80, 38.206, 126.219



99, 13.648, 127.343



73, 23.209, 66.031



52, 9.313, 127.275



0, 0.000, 0.000



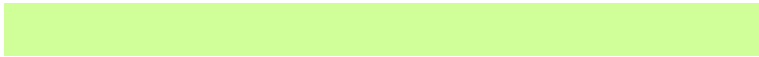
53, 0.007, 296.813

Same Dimension

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



80, 38.206, 126.219



95, 54.124, 125.864



78, 44.103, 140.907



44, 6.591, 127.377



62, 78.894, 126.682



14, 25.844, 128.290

Inverse Universe

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



63, 40.189, 309.503



71, 57.675, 309.939



67, 44.217, 324.773



41, 6.688, 308.222



25, 92.051, 311.184



3, 26.553, 306.124

Previews

White Background



This preview shows how the CIELCh color 80, 38.204, 126.217 looks on a white background.

Color Contrast Check

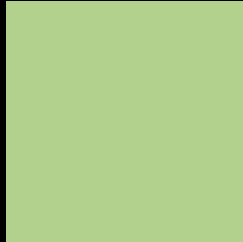
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 38.204, 126.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

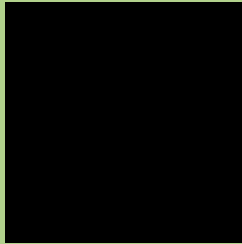
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 38.204, 126.217

Background



This preview shows how black text looks on a background with the CIELCh color 80, 38.204, 126.217.



This preview shows how white text looks on a background with the CIELCh color 80, 38.204, 126.217.

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, 38.204, 126.217

Protanopia
80, 33.800, 95.890

Deuteranopia
80, 30.730, 71.725



Tritanopia
80, 9.271, 266.492

Trichromacy



Original Color
80, 38.204, 126.217

Protanomaly
80, 34.042, 108.447

Deuteranomaly
80, 29.769, 94.837

Tritanomaly
80, 10.666, 150.317

Monochromacy



Original Color
80, 38.204, 126.217

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 13.978, 126.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 38.204, 126.217 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(177, 209, 140)` looks like.

```
.text, #text, p{  
    color:rgb(177, 209, 140)  
}
```

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(177, 209, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 209, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 38.204, 126.217 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(177, 209, 140) }
```

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

```
.border{ border-color:rgb(177, 209, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 209, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 209, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 209, 140);  
box-shadow:4px 4px 4px 4px rgb(177, 209,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 38.204, 126.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 209, 140) }
```

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

```
.background{ background-color: rgb(177,  
209, 140) }
```

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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