

Converting Colors

CIELCh(80, 22.525, 142.558)

Have a look what the booklet for
CIELCh(80, 22.525, 142.558)
contains.

CIELCh(80, 22.580, 142.674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 22.580, 142.674)

Conversions

Conversions Part 1

Format	Color
Hex	ADCFAC
RGB	173, 207, 172
RGB Percent	68%, 81%, 67%
CMY	0.3204, 0.1870, 0.3243
CMYK	0.16, 0.00, 0.17, 0.19
HSL	118°, 27%, 74%
HSV	118°, 17%, 81%
XYZ	47.1606, 56.6813, 47.6329
YIQ	192.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

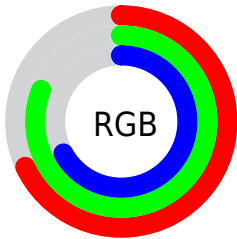
Format	Color
RYB	172, 207, 206
Decimal	11390892
CIELab	80.00, -17.96, 13.69
CIElCh	80, 22.580, 142.674
Yxy	56.6813, 0.3113, 0.3742
Android (android.graphics.Color)	4289580972 (0xFFADCFAC)
YUV	192.8440, -10.2761, -17.4032
Hunter-Lab	75.2870, -19.9378, 15.1890

Details

The CIELCh color $80, 22.580, 142.674$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $74, 22.621, 324.558$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 17.080, 141.926$, and $60, 22.753, 143.082$ is the 20% darker color. If you saturate the color by 10%, you get $78, 35.994, 141.929$, and if you desaturate by 10%, it is $82, 9.158, 143.326$.

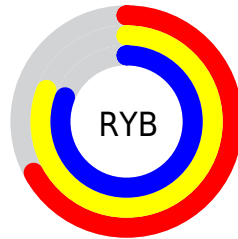
Distribution



Red (68%)

Green (81%)

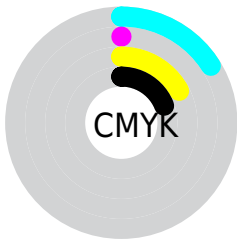
Blue (67%)



Red (67%)

Yellow (81%)

Blue (81%)

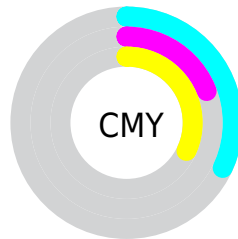


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (32%)


Magenta (19%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 22.580, 142.674 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, 22.580, 142.674 by changing the saturation by 10% instead.


 80, 22.580,
142.674


 80, 22.580,
142.674


 100, 22.580,
142.674


 70, 22.580,
142.674

 60, 22.580,
142.674

 50, 22.580,
142.674

 40, 22.580,
142.674

 30, 22.580,
142.674

 20, 22.580,
142.674

 10, 22.580,

142.674

■ 0, 22.580, 142.674

■ 80, 22.580,
142.674

■ 80, 22.580,
142.674

■ 78, 35.994,
141.929

■ 82, 9.158, 143.326

■ 77, 49.169,
141.073

■ 84, 4.113, 323.774

■ 76, 61.811,
140.112

■ 86, 17.118,
324.278

■ 75, 73.541,
139.075

■ 88, 29.690,
324.792

■ 74, 83.893,
138.028

■ 89, 29.901,
325.465

■ 73, 92.329,
137.083

■ 73, 98.323,
136.381

■ 73, 101.621,
136.021

■ 73, 102.322,
135.913

Harmonies

Complementary

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



80, 22.580, 142.674



74, 22.621, 324.558

Rectangle

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



80, 22.580, 142.674



80, 22.580, 192.674



80, 22.580, 322.674



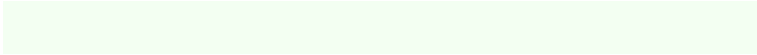
80, 22.580, 12.674

Sweetspot

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



80, 22.582, 142.674



99, 7.849, 143.441



82, 17.805, 107.144



53, 5.359, 143.396



0, 0.000, 0.000



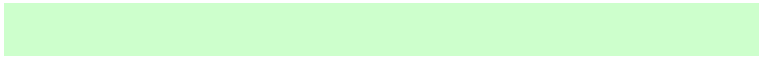
53, 0.007, 296.813

Same Dimension

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



80, 22.582, 142.674



96, 31.663, 142.436



80, 16.217, 160.496



43, 7.610, 143.168



60, 87.584, 135.883



13, 30.268, 141.510

Inverse Universe

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



74, 22.621, 324.558



88, 31.718, 324.736



74, 16.514, 343.287



41, 7.625, 324.154



39, 84.771, 327.113



5, 30.882, 326.786

Previews

White Background



This preview shows how the CIELCh color 80, 22.580, 142.674 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, 22.580, 142.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

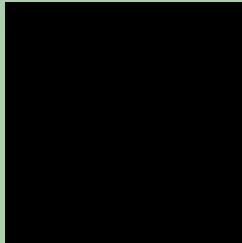
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 22.580, 142.674

Background



This preview shows how black text looks on a background with the CIELCh color 80, 22.580, 142.674.

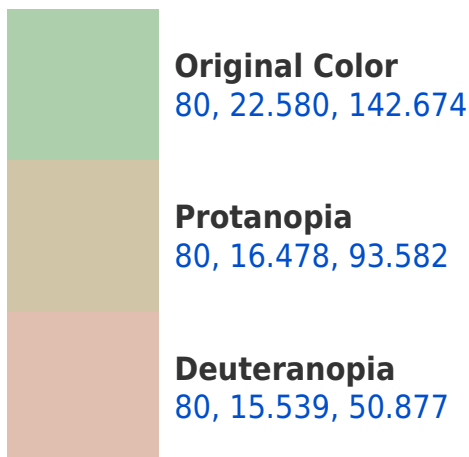


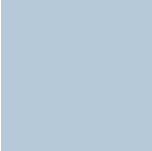
This preview shows how white text looks on a background with the CIELCh color 80, 22.580, 142.674.

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](#).

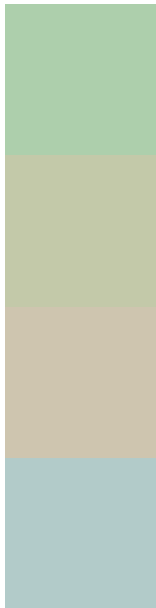
Dichromacy





Tritanopia
80, 10.809, 251.375

Trichromacy



Original Color
80, 22.580, 142.674

Protanomaly
80, 17.097, 116.409

Deuteranomaly
80, 12.170, 92.559

Tritanomaly
80, 8.964, 191.942

Monochromacy



Original Color
80, 22.580, 142.674

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 8.275, 142.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 22.580, 142.674 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(173, 207, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 172)  
}
```

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(173, 207, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 22.580, 142.674 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(173, 207, 172) }
```

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

```
.border{ border-color:rgb(173, 207, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 22.580, 142.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 172) }
```

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

```
.background{ background-color: rgb(173,  
207, 172) }
```

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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