

Converting Colors

CIELCh(76, 45.238, 149.497)

Have a look what the booklet for
CIELCh(76, 45.238, 149.497)
contains.

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Color

CIELCh(76, 45.157, 149.270)

Conversions

Conversions Part 1

Format	Color
Hex	79CD8F
RGB	121, 205, 143
RGB Percent	47%, 80%, 56%
CMY	0.5243, 0.1949, 0.4381
CMYK	0.41, 0.00, 0.30, 0.19
HSL	136°, 46%, 64%
HSV	136°, 41%, 81%
XYZ	34.8108, 49.8872, 33.8944
YIQ	172.8160, -30.1620, -37.0900

Conversions

Conversions Part 2

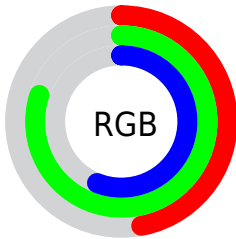
Format	Color
RYB	121, 188, 205
Decimal	7982479
CIELab	76.00, -38.82, 23.07
CIElCh	76, 45.157, 149.270
Yxy	49.8872, 0.2935, 0.4207
Android (android.graphics.Color)	4286172559 (0xFF79CD8F)
YUV	172.8160, -14.6993, -45.4426
Hunter-Lab	70.6309, -35.6294, 20.9895

Details

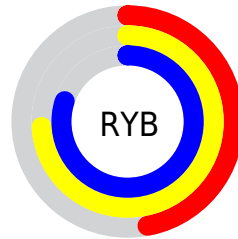
The CIELCh color **76, 45.157, 149.270** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 45.481, 335.694**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 40.672, 150.132**, and **56, 45.249, 149.289** is the 20% darker color. If you saturate the color by 10%, you get **75, 55.508, 148.047**, and if you desaturate by 10%, it is **77, 34.343, 150.332**.

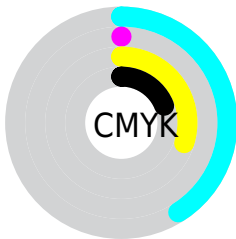
Distribution



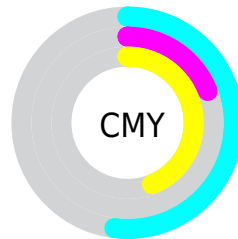
- Red (47%)
- Green (80%)
- Blue (56%)



- Red (47%)
- Yellow (74%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)





- Cyan (52%)
- Magenta (19%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 45.157, 149.270 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 76, 45.157, 149.270 by changing the saturation by 10% instead.


 76, 45.157,
149.270


 76, 45.157,
149.270


 100, 45.157,
149.270


 66, 45.157,
149.270


 96, 45.157,
149.270


 56, 45.157,
149.270

 46, 45.157,
149.270

 36, 45.157,
149.270

 26, 45.157,
149.270

 16, 45.157,
149.270

 6, 45.157, 149.270

■ 0, 45.157, 149.270

■ 76, 45.157,
149.270

■ 76, 45.157,
149.270

■ 75, 55.508,
148.047

■ 77, 34.343,
150.332

■ 74, 65.169,
146.650

■ 79, 23.268,
151.254

■ 73, 73.922,
145.077

■ 80, 12.108,
152.061

■ 73, 81.572,
143.349

■ 82, 1.006, 153.056

■ 72, 87.968,
141.521

■ 84, 9.932, 333.295

■ 72, 92.690,
139.908

■ 87, 20.631,
333.845

■ 88, 28.849,

328.812

■ 88, 31.159,
325.509

Harmonies

Complementary

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



76, 45.157, 149.270



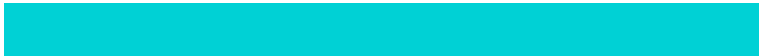
62, 45.481, 335.694

Rectangle

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



76, 45.157, 149.270



76, 45.157, 199.270



76, 45.157, 329.270



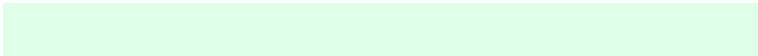
76, 45.157, 19.270

Sweetspot

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



76, 45.158, 149.270



97, 15.875, 151.967



79, 44.382, 117.362



52, 10.536, 151.864



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 45.158, 149.270



91, 63.813, 148.216



77, 30.540, 175.389



42, 6.252, 152.178



59, 78.501, 140.209



12, 25.144, 147.746

Inverse Universe

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



62, 45.481, 335.694



71, 64.030, 336.412



61, 35.398, 4.613



40, 6.278, 333.368



37, 68.680, 342.013



5, 23.441, 338.571

Previews

White Background



This preview shows how the CIELCh color 76, 45.157, 149.270 looks on a white background.

Color Contrast Check

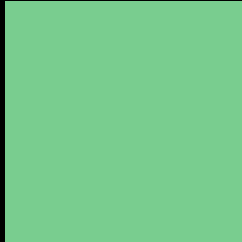
Large Text (above 18pt) WCAG AA × Fail

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 76, 45.157, 149.270 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 76, 45.157, 149.270

Background



This preview shows how black text looks on a background with the CIELCh color 76, 45.157, 149.270.

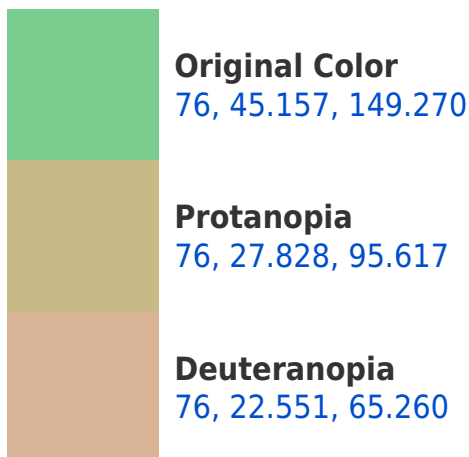


This preview shows how white text looks on a background with the CIELCh color 76, 45.157, 149.270.

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



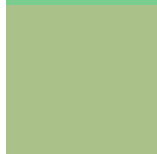


Tritanopia
76, 20.918, 220.983

Trichromacy



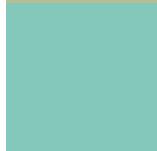
Original Color
76, 45.157, 149.270



Protanomaly
75, 30.524, 124.069



Deuteranomaly
75, 22.601, 115.107



Tritanomaly
76, 24.621, 180.946

Monochromacy



Original Color
76, 45.157, 149.270



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 17.157, 151.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 45.157, 149.270 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(121, 205, 143)` looks like.

```
.text, #text, p{  
    color:rgb(121, 205, 143)  
}
```

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(121, 205, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 205, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 45.157, 149.270 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(121, 205, 143) }
```

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

```
.border{ border-color:rgb(121, 205, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 205, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 205, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 205, 143); box-shadow:4px 4px 4px 4px rgb(121, 205, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 45.157, 149.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 205, 143) }
```

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

```
.background{ background-color: rgb(121,  
205, 143) }
```

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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