

Converting Colors

CIELCh(76, 32.806, 166.987)

Have a look what the booklet for
CIELCh(76, 32.806, 166.987)
contains.

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Color

CIELCh(76, 32.724, 167.381)

Conversions

Conversions Part 1

Format	Color
Hex	79CBAD
RGB	121, 203, 173
RGB Percent	47%, 80%, 68%
CMY	0.5249, 0.2033, 0.3210
CMYK	0.40, 0.00, 0.15, 0.20
HSL	158°, 44%, 64%
HSV	158°, 40%, 80%
XYZ	36.8590, 49.8872, 47.3003
YIQ	175.0620, -39.2420, -26.7140

Conversions

Conversions Part 2

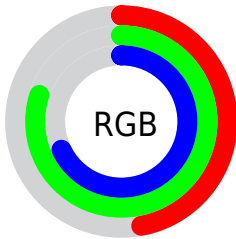
Format	Color
RYB	121, 171, 203
Decimal	7981997
CIELab	76.00, -31.93, 7.15
CIELCh	76, 32.724, 167.381
Yxy	49.8872, 0.2750, 0.3722
Android (android.graphics.Color)	4286172077 (0xFF79CBAD)
YUV	175.0620, -1.0166, -47.4124
Hunter-Lab	70.6309, -30.4532, 9.7362

Details

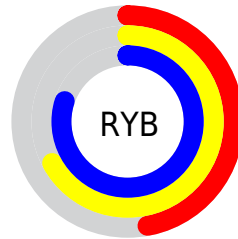
The CIELCh color **76, 32.724, 167.381** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 35.880, 356.227**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 29.859, 169.777**, and **56, 32.497, 167.952** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.906, 166.056**, and if you desaturate by 10%, it is **77, 25.038, 168.572**.

Distribution



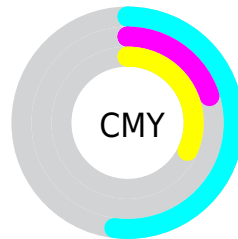
- Red (47%)
- Green (80%)
- Blue (68%)



- Red (47%)
- Yellow (67%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)





- Cyan (52%)
- Magenta (20%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.724, 167.381 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, 32.724, 167.381 by changing the saturation by 10% instead.


 76, 32.724,
167.381


 76, 32.724,
167.381


 100, 32.724,
167.381


 66, 32.724,
167.381


 96, 32.724,
167.381

 56, 32.724,
167.381

 46, 32.724,
167.381

 36, 32.724,
167.381

 26, 32.724,
167.381

 16, 32.724,
167.381

 6, 32.724, 167.381

■ 0, 32.724, 167.381

■ 76, 32.724,
167.381

■ 76, 32.724,
167.381

■ 75, 39.906,
166.056

■ 77, 25.038,
168.572

■ 74, 46.446,
164.574

■ 79, 16.986,
169.658

■ 74, 52.234,
162.911

■ 80, 8.702, 170.668

■ 73, 57.203,
161.046

■ 82, 0.301, 173.053

■ 73, 61.355,
158.973

■ 83, 8.120, 352.311

■ 72, 64.746,
156.845

■ 85, 16.486,
353.130

■ 87, 22.057,
349.831

■ 87, 24.135,
341.803

■ 87, 26.635,
335.223

Harmonies

Complementary

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



76, 32.724, 167.381



60, 35.880, 356.227

Rectangle

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



76, 32.724, 167.381



76, 32.724, 217.381



76, 32.724, 347.381



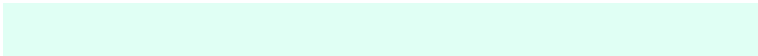
76, 32.724, 37.381

Sweetspot

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



76, 32.725, 167.380



98, 12.106, 170.490



77, 47.593, 131.680



52, 8.025, 170.358



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, 32.725, 167.380



92, 45.939, 166.294



74, 23.135, 212.767



42, 4.780, 170.764



60, 55.305, 157.206



12, 18.763, 162.817

Inverse Universe

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



60, 35.880, 356.227



70, 51.240, 357.638



62, 31.222, 33.476



40, 4.884, 352.369



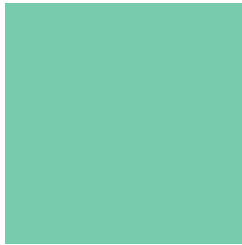
35, 61.831, 14.468



4, 18.878, 1.443

Previews

White Background



This preview shows how the CIELCh color 76, 32.724, 167.381 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, 32.724, 167.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

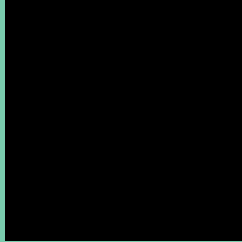
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.724, 167.381

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.724, 167.381.

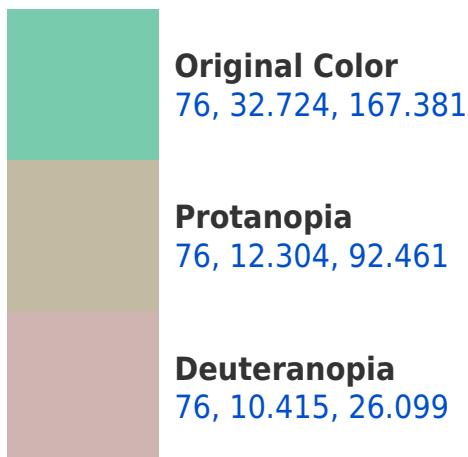


This preview shows how white text looks on a background with the CIELCh color 76, 32.724, 167.381.

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, 22.318, 220.914

Trichromacy



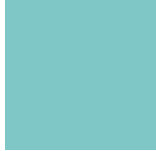
Original Color
76, 32.724, 167.381



Protanomaly
75, 16.268, 142.644

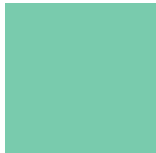


Deuteranomaly
75, 7.906, 144.110

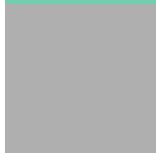


Tritanomaly
76, 23.507, 197.671

Monochromacy



Original Color
76, 32.724, 167.381



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 12.583, 170.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.724, 167.381 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, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(121, 203, 173)  
}
```

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, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 203, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.724, 167.381 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, 203, 173) }
```

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

```
.border{ border-color:rgb(121, 203, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 203, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 203, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 203, 173);  
box-shadow:4px 4px 4px 4px rgb(121, 203,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.724, 167.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 203, 173) }
```

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

```
.background{ background-color: rgb(121,  
203, 173) }
```

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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