

Converting Colors

CIELCh(76, 34.190, 196.961)

Have a look what the booklet for
CIELCh(76, 34.190, 196.961)
contains.

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Color

CIELCh(76, 34.232, 196.952)

Conversions

Conversions Part 1

Format	Color
Hex	57CDCD
RGB	87, 205, 205
RGB Percent	34%, 80%, 80%
CMY	0.6604, 0.1975, 0.1975
CMYK	0.58, 0.00, 0.00, 0.20
HSL	180°, 54%, 57%
HSV	180°, 58%, 80%
XYZ	36.6136, 49.8872, 65.2313
YIQ	169.7180, -70.3280, -25.0160

Conversions

Conversions Part 2

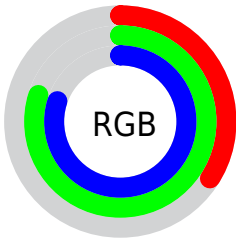
Format	Color
RYB	87, 146, 205
Decimal	5754317
CIELab	76.00, -32.74, -9.98
CIELCh	76, 34.232, 196.952
Yxy	49.8872, 0.2413, 0.3288
Android (android.graphics.Color)	4283944397 (0xFF57CDCD)
YUV	169.7180, 17.3940, -72.5437
Hunter-Lab	70.6309, -31.0735, -5.3158

Details

The CIELCh color **76, 34.232, 196.952** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 52.553, 26.873**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.372, 197.427**, and **56, 33.582, 197.397** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.590, 196.719**, and if you desaturate by 10%, it is **77, 29.971, 197.248**.

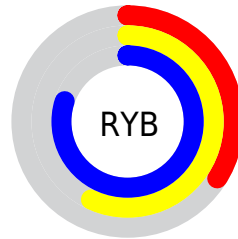
Distribution



Red (34%)

Green (80%)

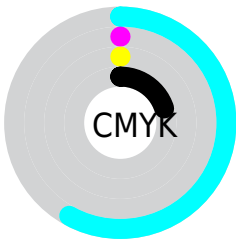
Blue (80%)



Red (34%)

Yellow (57%)

Blue (80%)

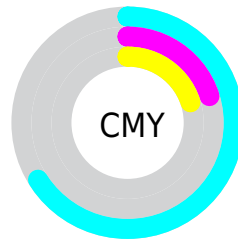


Cyan (58%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (66%)


Magenta (20%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 34.232, 196.952 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, 34.232, 196.952 by changing the saturation by 10% instead.


 76, 34.232,
196.952


 76, 34.232,
196.952


 100, 34.232,
196.952


 66, 34.232,
196.952


 96, 34.232,
196.952

 56, 34.232,
196.952

 46, 34.232,
196.952

 36, 34.232,
196.952

 26, 34.232,
196.952

 16, 34.232,
196.952

 6, 34.232, 196.952

0, 34.232, 196.952

76, 34.232,
196.952

76, 34.232,
196.952

75, 37.590,
196.719

77, 29.971,
197.248

75, 40.022,
196.553

78, 24.874,
197.610

75, 41.560,
196.449

79, 19.039,
198.034

75, 42.326,
196.397

80, 12.581,
198.518

75, 42.458,
196.389

81, 5.619, 199.087

83, 1.731, 19.213

84, 9.365, 20.057

■ 86, 17.193, 20.685

■ 87, 19.006, 20.829

Harmonies

Complementary

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



76, 34.232, 196.952



52, 52.553, 26.873

Rectangle

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



76, 34.232, 196.952



76, 34.232, 246.952



76, 34.232, 16.952



76, 34.232, 66.952

Sweetspot

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



76, 34.232, 196.950



97, 14.478, 198.542



74, 74.179, 139.503



51, 9.623, 198.438



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, 34.232, 196.950



92, 45.093, 196.677



59, 36.262, 267.193



42, 4.119, 198.978



62, 36.300, 196.389



13, 13.513, 196.388

Inverse Universe

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



56, 73.496, 327.352



65, 100.008, 327.764



65, 42.877, 68.172



40, 7.538, 324.934



39, 83.710, 328.233



5, 29.042, 327.497

Previews

White Background



This preview shows how the CIELCh color 76, 34.232, 196.952 looks on a white background.

Color Contrast Check

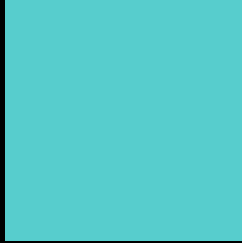
Large Text (above 18pt) WCAG AA × Fail

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, 34.232, 196.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

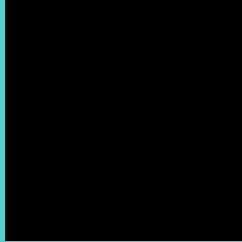
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

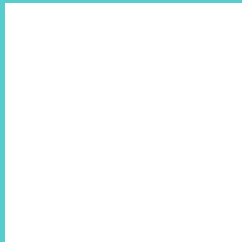
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 34.232, 196.952

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.232, 196.952.

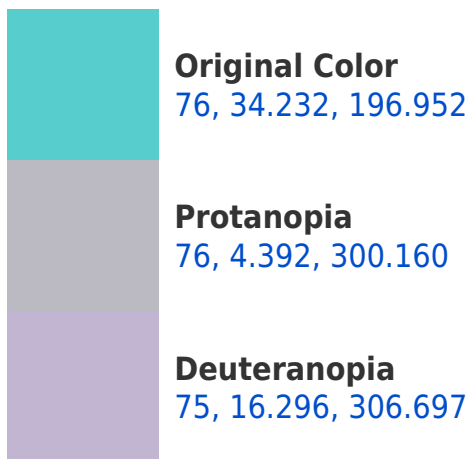


This preview shows how white text looks on a background with the CIELCh color 76, 34.232, 196.952.

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](#).

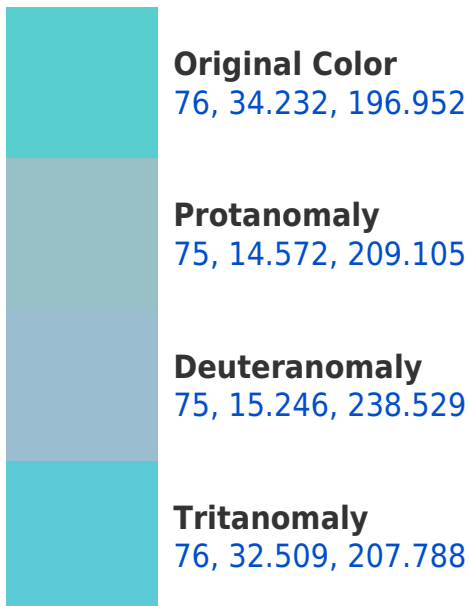
Dichromacy





Tritanopia
76, 32.004, 214.114

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.232, 196.952 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(87, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(87, 205, 205)  
}
```

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(87, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 205, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.232, 196.952 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(87, 205, 205) }
```

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

```
.border{ border-color:rgb(87, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(87, 205,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.232, 196.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 205, 205) }
```

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

```
.background{ background-color: rgb(87, 205,  
205) }
```

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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