

Converting Colors

CIELCh(80, 38.358, 240.294)

Have a look what the booklet for
CIELCh(80, 38.358, 240.294)
contains.

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Color

CIELCh(80, 37.232, 237.254)

Conversions

Conversions Part 1

Format	Color
Hex	5FD4FF
RGB	95, 212, 255
RGB Percent	37%, 83%, 100%
CMY	0.6276, 0.1695, 0.0000
CMYK	0.63, 0.17, 0.00, 0.00
HSL	196°, 100%, 69%
HSV	196°, 63%, 100%
XYZ	46.3844, 56.6813, 103.7907
YIQ	181.9190, -83.5350, -11.4310

Conversions

Conversions Part 2

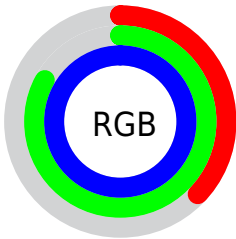
Format	Color
R _Y B	95, 163, 255
Decimal	6280447
CIE Lab	80.00, -20.14, -31.31
CIE LCh	80, 37.232, 237.254
Yxy	56.6813, 0.2242, 0.2740
Android (android.graphics.Color)	4284470527 (0xFF5FD4FF)
YUV	181.9190, 36.0289, -76.2280
Hunter-Lab	75.2870, -21.7783, -29.0364

Details

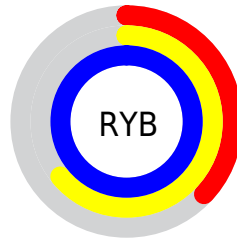
The CIELCh color **80, 37.232, 237.254** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **70, 58.875, 46.305**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **60, 36.476, 237.319** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.580, 239.659**, and if you desaturate by 10%, it is **83, 32.753, 234.178**.

Distribution



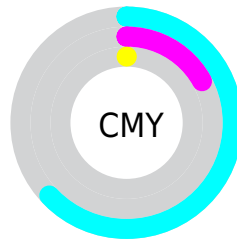
- Red (37%)
- Green (83%)
- Blue (100%)



- Red (37%)
- Yellow (64%)
- Blue (100%)



- Cyan (63%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (63%)
- Magenta (17%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 37.232, 237.254 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, 37.232, 237.254 by changing the saturation by 10% instead.


 80, 37.232,
237.254


 80, 37.232,
237.254


 100, 37.232,
237.254


 70, 37.232,
237.254


 60, 37.232,
237.254

 50, 37.232,
237.254

 40, 37.232,
237.254

 30, 37.232,
237.254

 20, 37.232,
237.254

 10, 37.232,

237.254

0, 37.232, 237.254

80, 37.232,
237.254

80, 37.232,
237.254

77, 40.580,
239.659

83, 32.753,
234.178

75, 43.426,
243.396

86, 27.741,
232.263

73, 45.722,
247.841

89, 22.069,
230.771

71, 47.216,
251.381

92, 15.826,
229.623

96, 9.112, 228.761

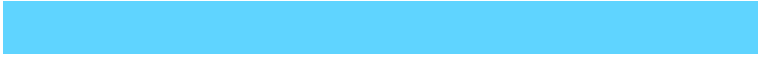
99, 2.019, 228.320

100, 0.012,
296.813

Harmonies

Complementary

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



80, 37.232, 237.254



70, 58.875, 46.305

Rectangle

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



80, 37.232, 237.254



80, 37.232, 287.254



80, 37.232, 57.254



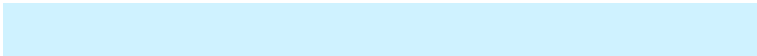
80, 37.232, 107.254

Sweetspot

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



80, 37.040, 236.612



93, 13.351, 229.267



90, 79.263, 146.424



49, 9.116, 229.534



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, 37.040, 236.612



77, 41.273, 240.434



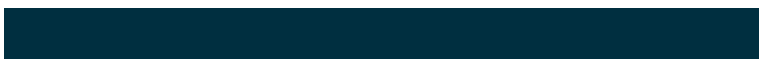
58, 69.480, 290.473



51, 4.091, 228.541



54, 37.790, 250.447



17, 16.744, 243.763

Inverse Universe

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



65, 78.170, 338.070



61, 87.591, 339.407



88, 63.519, 90.385



50, 7.499, 333.706



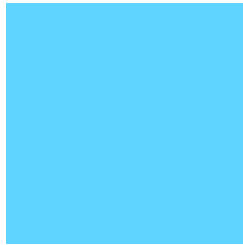
43, 75.796, 342.776



11, 35.667, 340.569

Previews

White Background



This preview shows how the CIELCh color 80, 37.232, 237.254 looks on a white background.

Color Contrast Check

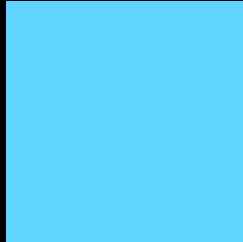
Large Text (above 18pt) WCAG AA × Fail

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 80, 37.232, 237.254 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, 37.232, 237.254

Background



This preview shows how black text looks on a background with the CIELCh color 80, 37.232, 237.254.

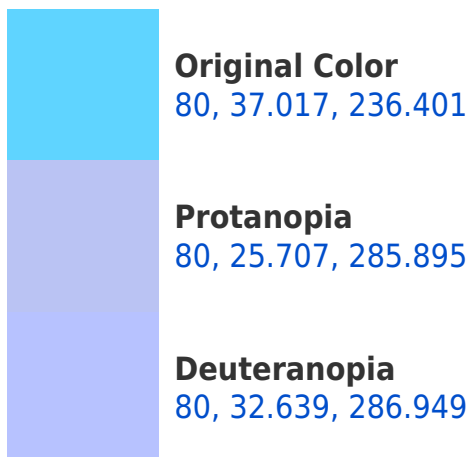


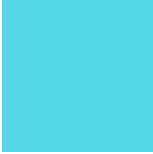
This preview shows how white text looks on a background with the CIELCh color 80, 37.232, 237.254.

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](#).

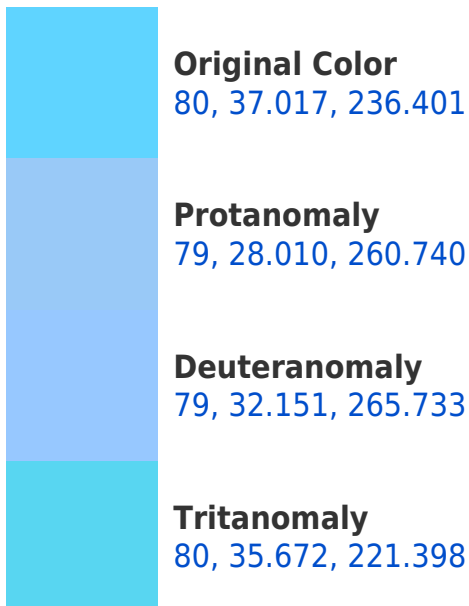
Dichromacy



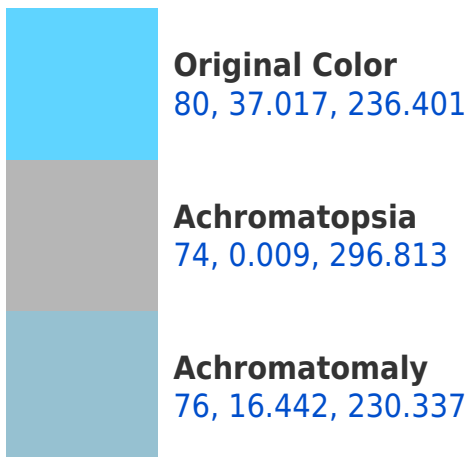


Tritanopia
80, 36.098, 211.807

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 37.232, 237.254 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(95, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 212, 255)  
}
```

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(95, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 212, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 37.232, 237.254 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(95, 212, 255) }
```

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

```
.border{ border-color:rgb(95, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 212,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 37.232, 237.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 212, 255) }
```

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

```
.background{ background-color: rgb(95, 212,  
255) }
```

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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