

Converting Colors

CIELCh(78, 37.213, 243.788)

Have a look what the booklet for
CIELCh(78, 37.213, 243.788)
contains.

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Color

CIELCh(78, 37.193, 243.337)

Conversions

Conversions Part 1

Format	Color
Hex	62CDFE
RGB	98, 205, 254
RGB Percent	38%, 80%, 100%
CMY	0.6172, 0.1974, 0.0053
CMYK	0.62, 0.19, 0.00, 0.01
HSL	199°, 98%, 69%
HSV	199°, 62%, 99%
XYZ	44.5802, 53.2120, 101.3965
YIQ	178.5930, -79.5010, -7.4450

Conversions

Conversions Part 2

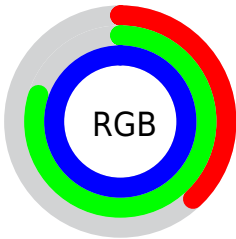
Format	Color
R _{YB}	98, 161, 254
Decimal	6475262
CIE _{Lab}	78.00, -16.69, -33.24
CIE _{LCh}	78, 37.193, 243.337
Y _{xy}	53.2120, 0.2238, 0.2671
Android (android.graphics.Color)	4284665342 (0xFF62CDFE)
YUV	178.5930, 37.1757, -70.6801
Hunter-Lab	72.9466, -18.5688, -31.3511

Details

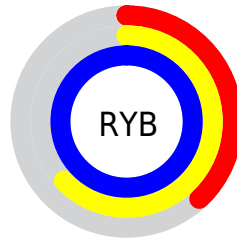
The CIELCh color **78, 37.193, 243.337** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71, 56.170, 50.081**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.133, 197.623**, and **58, 37.083, 243.005** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.271, 246.676**, and if you desaturate by 10%, it is **81, 32.492, 240.626**.

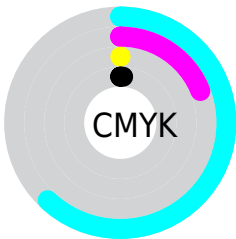
Distribution



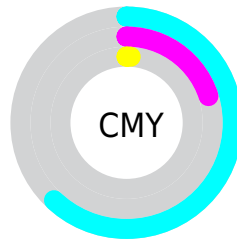
- Red (38%)
- Green (80%)
- Blue (100%)



- Red (38%)
- Yellow (63%)
- Blue (100%)



- Cyan (62%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)





- Cyan (62%)
- Magenta (20%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 37.193, 243.337 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 78, 37.193, 243.337 by changing the saturation by 10% instead.


 78, 37.193,
243.337


 78, 37.193,
243.337


 100, 37.193,
243.337


 68, 37.193,
243.337


 98, 37.193,
243.337

 58, 37.193,
243.337

 48, 37.193,
243.337

 38, 37.193,
243.337

 28, 37.193,
243.337

 18, 37.193,
243.337

 8, 37.193, 243.337

0, 37.193, 243.337

78, 37.193,
243.337

78, 37.193,
243.337

75, 41.271,
246.676

81, 32.492,
240.626

72, 44.790,
250.705

84, 27.179,
238.455

70, 47.897,
255.411

88, 21.305,
236.732

68, 50.415,
259.763

91, 14.945,
235.374

95, 8.185, 234.324

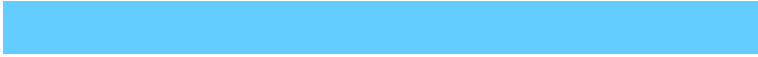
99, 1.103, 233.935

100, 0.671,

Harmonies

Complementary

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



78, 37.193, 243.337



71, 56.170, 50.081

Rectangle

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



78, 37.193, 243.337



78, 37.193, 293.337



78, 37.193, 63.337



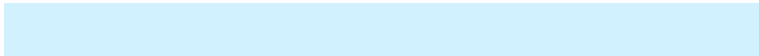
78, 37.193, 113.337

Sweetspot

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



78, 37.192, 243.337



93, 12.663, 234.972



90, 75.600, 147.817



49, 8.738, 235.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 37.192, 243.337



75, 42.369, 247.619



57, 70.790, 291.898



51, 4.075, 234.151



52, 40.398, 258.804



16, 17.531, 251.673

Inverse Universe

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



65, 74.569, 340.124



61, 84.603, 341.702



89, 63.621, 92.916



50, 7.268, 335.485



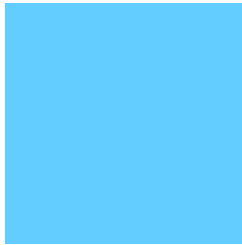
42, 73.671, 345.981



11, 34.725, 343.211

Previews

White Background



This preview shows how the CIELCh color 78, 37.193, 243.337 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 78, 37.193, 243.337 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

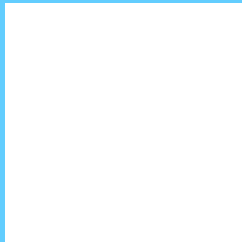
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 37.193, 243.337

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.193, 243.337.

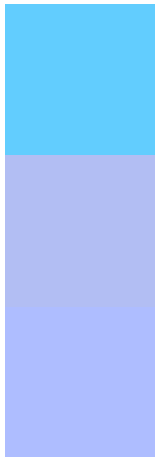


This preview shows how white text looks on a background with the CIELCh color 78, 37.193, 243.337.

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](#).

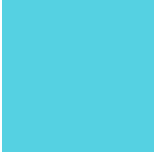
Dichromacy



Original Color
78, 37.193, 243.337

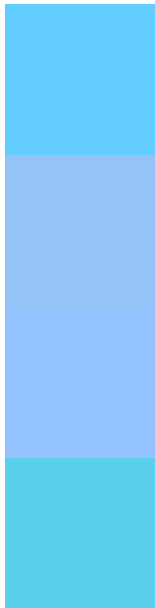
Protanopia
78, 28.566, 284.989

Deuteranopia
78, 35.542, 285.849



Tritanopia
78, 34.596, 212.604

Trichromacy



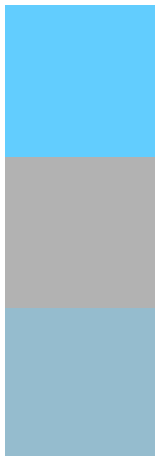
Original Color
78, 37.193, 243.337

Protanomaly
77, 30.560, 265.632

Deuteranomaly
77, 34.576, 268.437

Tritanomaly
78, 34.343, 224.659

Monochromacy



Original Color
78, 37.193, 243.337

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 15.992, 236.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.193, 243.337 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(98, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(98, 205, 254)  
}
```

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(98, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 205, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.193, 243.337 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(98, 205, 254) }
```

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

```
.border{ border-color:rgb(98, 205, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 205, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(98, 205,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.193, 243.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 205, 254) }
```

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

```
.background{ background-color: rgb(98, 205,  
254) }
```

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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