

Converting Colors

CIELCh(77, 38.814, 152.988)

Have a look what the booklet for
CIELCh(77, 38.814, 152.988)
contains.

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Color

CIELCh(77, 39.087, 152.594)

Conversions

Conversions Part 1

Format	Color
Hex	82CF9C
RGB	130, 207, 156
RGB Percent	51%, 81%, 61%
CMY	0.4917, 0.1898, 0.3897
CMYK	0.37, 0.00, 0.25, 0.19
HSL	140°, 44%, 66%
HSV	140°, 37%, 81%
XYZ	37.3291, 51.5317, 39.2621
YIQ	178.1630, -29.5210, -32.1850

Conversions

Conversions Part 2

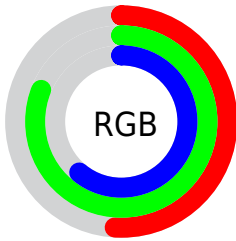
Format	Color
RYB	130, 188, 207
Decimal	8572828
CIELab	77.00, -34.70, 17.99
CIElCh	77, 39.087, 152.594
Yxy	51.5317, 0.2914, 0.4022
Android (android.graphics.Color)	4286762908 (0xFF82CF9C)
YUV	178.1630, -10.9264, -42.2390
Hunter-Lab	71.7856, -32.8033, 17.8221

Details

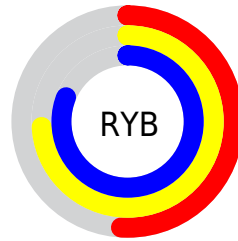
The CIELCh color $77, 39.087, 152.594$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $64, 39.703, 338.767$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 33.458, 155.003$, and $57, 38.906, 152.988$ is the 20% darker color. If you saturate the color by 10%, you get $76, 49.043, 151.392$, and if you desaturate by 10%, it is $78, 28.755, 153.641$.

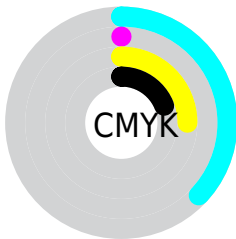
Distribution



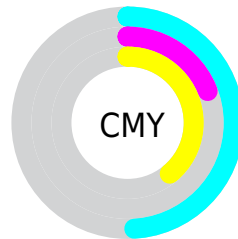
- Red (51%)
- Green (81%)
- Blue (61%)



- Red (51%)
- Yellow (74%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)




- Cyan (49%)
- Magenta (19%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 39.087, 152.594 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 77, 39.087, 152.594 by changing the saturation by 10% instead.


 77, 39.087,
152.594

 77, 39.087,
152.594


 100, 39.087,
152.594


 67, 39.087,
152.594


 97, 39.087,
152.594

 57, 39.087,
152.594

 47, 39.087,
152.594

 37, 39.087,
152.594

 27, 39.087,
152.594

 17, 39.087,
152.594

 7, 39.087, 152.594

■ 0, 39.087, 152.594

■ 77, 39.087,
152.594

■ 77, 39.087,
152.594

■ 76, 49.043,
151.392

■ 78, 28.755,
153.641

■ 75, 58.423,
150.014

■ 80, 18.220,
154.559

■ 74, 67.039,
148.446

■ 82, 7.639, 155.384

■ 74, 74.726,
146.685

■ 84, 2.869, 335.915


■ 73, 81.370,
144.753

■ 86, 13.209,
336.637

■ 73, 86.944,
142.720

■ 88, 23.318,
337.207

■ 88, 28.846,

 73, 88.338,
142.195

327.603

 88, 30.349,
325.481

Harmonies

Complementary

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



77, 39.087, 152.594



64, 39.703, 338.767

Rectangle

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



77, 39.087, 152.594



77, 39.087, 202.594



77, 39.087, 332.594



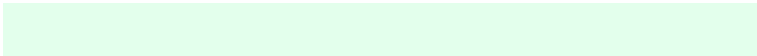
77, 39.087, 22.594

Sweetspot

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



77, 39.088, 152.594



98, 13.748, 155.071



80, 41.378, 120.998



52, 9.242, 154.959



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 39.088, 152.594



92, 55.517, 151.610



78, 26.720, 182.451



43, 6.032, 155.210



60, 75.287, 142.518



13, 25.445, 148.655

Inverse Universe

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



64, 39.703, 338.767



73, 56.363, 339.550



63, 31.827, 10.247



41, 6.069, 336.487



37, 66.177, 347.586



5, 24.033, 343.208

Previews

White Background



This preview shows how the CIELCh color 77, 39.087, 152.594 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 77, 39.087, 152.594 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 77, 39.087, 152.594

Background



This preview shows how black text looks on a background with the CIELCh color 77, 39.087, 152.594.



This preview shows how white text looks on a background with the CIELCh color 77, 39.087, 152.594.

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](#).

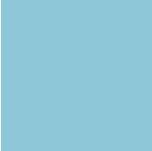
Dichromacy



Original Color
77, 39.087, 152.594

Protanopia
77, 23.012, 94.870

Deuteranopia
77, 18.053, 58.450



Tritanopia
77, 20.029, 223.798

Trichromacy



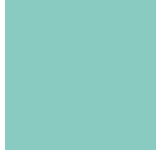
Original Color
77, 39.087, 152.594



Protanomaly
76, 25.091, 125.183



Deuteranomaly
76, 17.257, 116.354

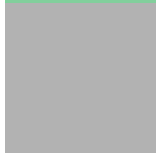


Tritanomaly
77, 22.660, 185.328

Monochromacy



Original Color
77, 39.087, 152.594



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 14.341, 155.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 39.087, 152.594 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(130, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(130, 207, 156)  
}
```

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(130, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 207, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 39.087, 152.594 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(130, 207, 156) }
```

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

```
.border{ border-color:rgb(130, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(130, 207,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 39.087, 152.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 207, 156) }
```

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

```
.background{ background-color: rgb(130,  
207, 156) }
```

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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