

Converting Colors

CIELCh(80, 29.703, 244.995)

Have a look what the booklet for
CIELCh(80, 29.703, 244.995)
contains.

CIELCh(80, 29.624, 244.731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 29.624, 244.731)

Conversions

Conversions Part 1

Format	Color
Hex	86D0F8
RGB	134, 208, 248
RGB Percent	53%, 82%, 97%
CMY	0.4762, 0.1860, 0.0292
CMYK	0.46, 0.16, 0.00, 0.03
HSL	201°, 88%, 75%
HSV	201°, 46%, 97%
XYZ	49.0841, 56.6813, 96.7950
YIQ	190.4340, -56.9440, -3.2480

Conversions

Conversions Part 2

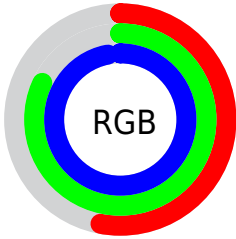
Format	Color
RYB	134, 179, 248
Decimal	8835320
CIELab	80.00, -12.65, -26.79
CIElCh	80, 29.624, 244.731
Yxy	56.6813, 0.2423, 0.2798
Android (android.graphics.Color)	4287025400 (0xFF86D0F8)
YUV	190.4340, 28.3800, -49.4926
Hunter-Lab	75.2870, -15.3774, -23.5271

Details

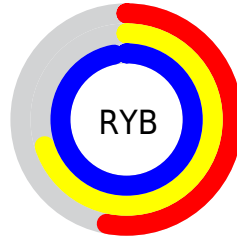
The CIELCh color **80, 29.624, 244.731** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 38.614, 54.278**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **60, 29.354, 243.873** is the 20% darker color. If you saturate the color by 10%, you get **77, 34.872, 247.342**, and if you desaturate by 10%, it is **84, 23.880, 242.618**.

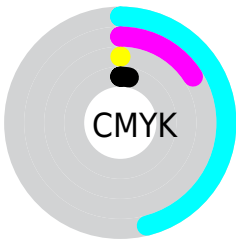
Distribution



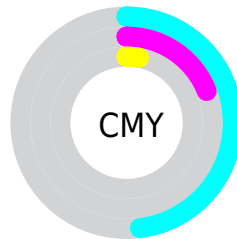
- Red (53%)
- Green (82%)
- Blue (97%)



- Red (53%)
- Yellow (70%)
- Blue (97%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)





- Cyan (48%)
- Magenta (19%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 29.624, 244.731 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, 29.624, 244.731 by changing the saturation by 10% instead.


 80, 29.624,
244.731


 80, 29.624,
244.731


 100, 29.624,
244.731


 70, 29.624,
244.731

 60, 29.624,
244.731

 50, 29.624,
244.731

 40, 29.624,
244.731

 30, 29.624,
244.731

 20, 29.624,
244.731

 10, 29.624,

244.731

0, 29.624, 244.731

80, 29.624,
244.731

80, 29.624,
244.731

77, 34.872,
247.342

84, 23.880,
242.618

73, 39.608,
250.541

87, 17.696,
240.923

70, 43.866,
254.389

91, 11.137,
239.571

67, 47.754,
258.894

95, 4.275, 238.547

64, 51.456,
263.958

99, 2.228, 70.487

100, 3.766,
109.876

■ 63, 52.948,
265.989

Harmonies

Complementary

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



80, 29.624, 244.731



77, 38.614, 54.278

Rectangle

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



80, 29.624, 244.731



80, 29.624, 294.731



80, 29.624, 64.731



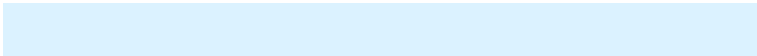
80, 29.624, 114.731

Sweetspot

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



80, 29.623, 244.730



94, 9.991, 239.335



89, 54.852, 151.977



50, 6.869, 239.587



0, 0.000, 0.000



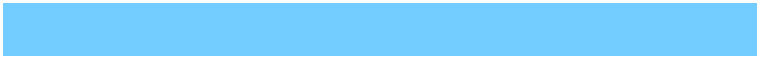
53, 0.007, 296.813

Same Dimension

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



80, 29.623, 244.730



79, 35.171, 247.067



65, 53.847, 290.536



50, 4.024, 238.855



49, 42.704, 265.048



15, 17.867, 257.414

Inverse Universe

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



70, 55.757, 340.282



68, 66.879, 341.275



91, 49.535, 98.008



49, 6.963, 337.065



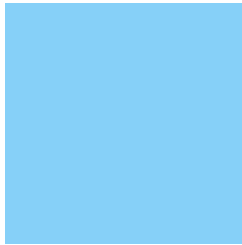
42, 71.400, 348.836



10, 33.157, 345.405

Previews

White Background



This preview shows how the CIELCh color 80, 29.624, 244.731 looks on a white background.

Color Contrast Check

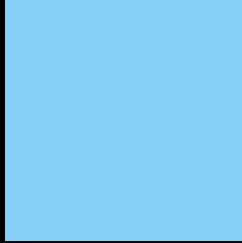
Large Text (above 18pt) WCAG AA × Fail

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, 29.624, 244.731 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

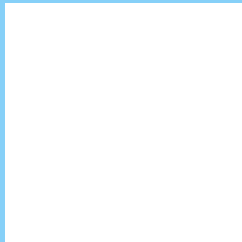
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 29.624, 244.731

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.624, 244.731.



This preview shows how white text looks on a background with the CIELCh color 80, 29.624, 244.731.

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](#).

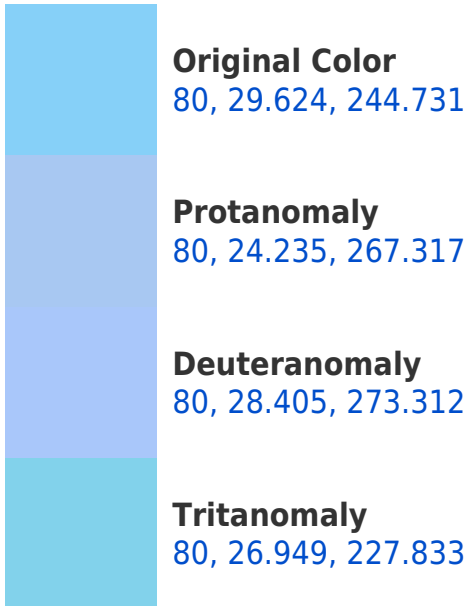
Dichromacy



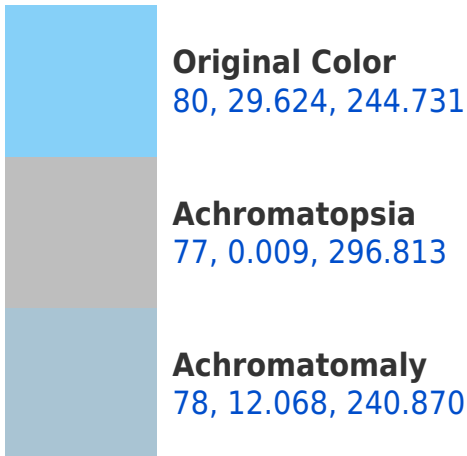


Tritanopia
80, 26.500, 217.939

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.624, 244.731 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(134, 208, 248)` looks like.

```
.text, #text, p{  
    color:rgb(134, 208, 248)  
}
```

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(134, 208, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 208, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.624, 244.731 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(134, 208, 248) }
```

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

```
.border{ border-color:rgb(134, 208, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 208, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 208, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 208, 248);  
box-shadow:4px 4px 4px 4px rgb(134, 208,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.624, 244.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 208, 248) }
```

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

```
.background{ background-color: rgb(134,  
208, 248) }
```

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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