

Converting Colors

CIELCh(88, 17.227, 271.821)

Have a look what the booklet for
CIELCh(88, 17.227, 271.821)
contains.

CIELCh(88, 17.085, 271.137)	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(88, 17.085, 271.137)

Conversions

Conversions Part 1

Format	Color
Hex	CCDEFD
RGB	204, 222, 253
RGB Percent	80%, 87%, 99%
CMY	0.2006, 0.1300, 0.0084
CMYK	0.19, 0.12, 0.00, 0.01
HSL	218°, 92%, 90%
HSV	218°, 19%, 99%
XYZ	68.6514, 72.0653, 103.0959
YIQ	220.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

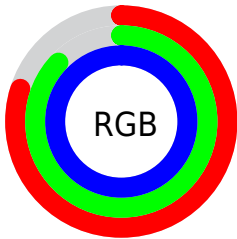
Format	Color
RYB	204, 217, 253
Decimal	13426429
CIELab	88.00, 0.34, -17.08
CIELCh	88, 17.085, 271.137
Yxy	72.0653, 0.2816, 0.2956
Android (android.graphics.Color)	4291616509 (0xFFCCDEFD)
YUV	220.1520, 16.1941, -14.1653
Hunter-Lab	84.8913, -4.2071, -12.5806

Details

The CIELCh color `88, 17.085, 271.137` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 17.298, 85.785`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 16.926, 270.534` is the 20% darker color. If you saturate the color by 10%, you get `82, 26.043, 272.952`, and if you desaturate by 10%, it is `94, 8.224, 269.596`.

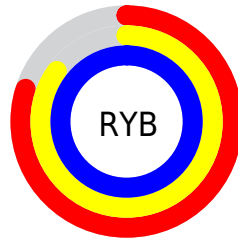
Distribution



Red (80%)

Green (87%)

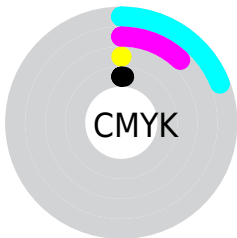
Blue (99%)



Red (80%)

Yellow (85%)

Blue (99%)

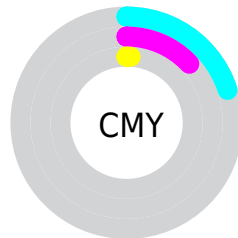


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (20%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.085, 271.137 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 88, 17.085, 271.137 by changing the saturation by 10% instead.

■ 88, 17.085,
271.137

■ 88, 17.085,
271.137

■ 100, 17.085,
271.137

■ 78, 17.085,
271.137

■ 68, 17.085,
271.137

■ 58, 17.085,
271.137

■ 48, 17.085,
271.137

■ 38, 17.085,
271.137

■ 28, 17.085,
271.137

■ 18, 17.085,

271.137

■ 8, 17.085, 271.137

■ 0, 17.085, 271.137

■ 88, 17.085,
271.137

■ 88, 17.085,
271.137

■ 82, 26.043,
272.952

■ 94, 8.224, 269.596

100, 0.533, 87.630

■ 76, 35.106,
275.094

100, 1.078,
110.026

■ 71, 44.292,
277.601

■ 65, 53.633,
280.508

■ 60, 63.180,

283.816

■ 55, 72.981,
287.466

■ 50, 83.027,
291.319

■ 46, 93.178,
295.116

■ 45, 93.811,
295.335

Harmonies

Complementary

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



88, 17.085, 271.137



94, 17.298, 85.785

Rectangle

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



88, 17.085, 271.137



88, 17.085, 321.137



88, 17.085, 91.137



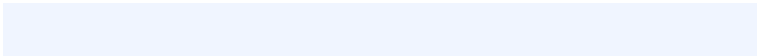
88, 17.085, 141.137

Sweetspot

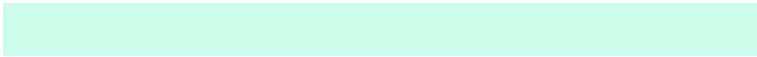
The Sweet Spot groups the original color and five complimentary colors.



88, 17.084, 271.133



96, 5.292, 269.145



96, 19.554, 168.639



51, 3.511, 269.228



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 17.084, 271.133



87, 20.459, 271.760



84, 26.004, 296.528



50, 5.021, 269.614



34, 74.691, 294.677



9, 29.963, 289.241

Inverse Universe

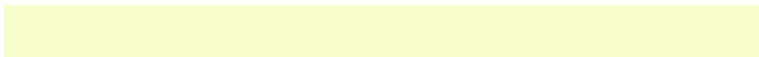
The Inverse Universe completely reimagines the original color for something new.



87, 20.202, 353.372



85, 24.266, 353.799



98, 24.881, 113.212



50, 5.875, 352.298



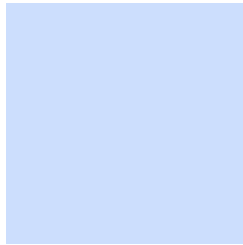
40, 68.851, 14.960



10, 31.287, 7.566

Previews

White Background



This preview shows how the CIE LCh color 88, 17.085, 271.137 looks on a white background.

Color Contrast Check

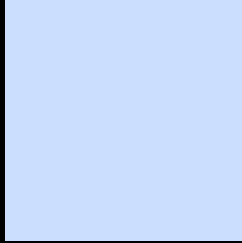
Large Text (above 18pt) WCAG AA × Fail

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 88, 17.085, 271.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

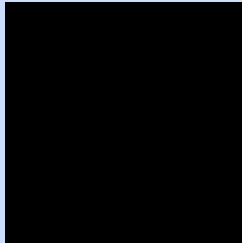
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

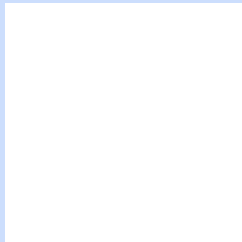
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 17.085, 271.137

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.085, 271.137.



This preview shows how white text looks on a background with the CIELCh color 88, 17.085, 271.137.

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](#).

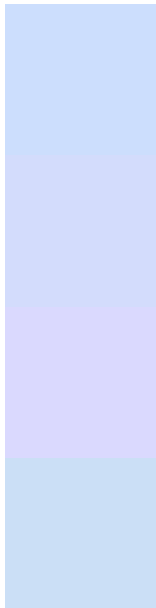
Dichromacy





Tritanopia
88, 11.810, 252.042

Trichromacy



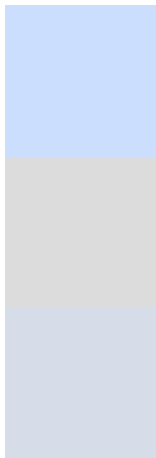
Original Color
88, 17.085, 271.137

Protanomaly
88, 16.915, 281.323

Deuteranomaly
88, 19.367, 292.755

Tritanomaly
88, 13.586, 261.636

Monochromacy



Original Color
88, 17.085, 271.137

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.202, 267.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.085, 271.137 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(204, 222, 253)` looks like.

```
.text, #text, p{  
    color:rgb(204, 222, 253)  
}
```

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(204, 222, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 222, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.085, 271.137 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(204, 222, 253) }
```

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

```
.border{ border-color:rgb(204, 222, 253) }
```

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

Here you see how a box with a 4 pixel rgb(204, 222, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 222, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 222, 253);  
box-shadow:4px 4px 4px 4px rgb(204, 222,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.085, 271.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 222, 253) }
```

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

```
.background{ background-color: rgb(204,  
222, 253) }
```

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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