

Converting Colors

CIELCh(88, 41.130, 200.528)

Have a look what the booklet for
CIELCh(88, 41.130, 200.528)
contains.

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Color

CIELCh(88, 41.236, 200.508)

Conversions

Conversions Part 1

Format	Color
Hex	56F2F7
RGB	86, 242, 247
RGB Percent	34%, 95%, 97%
CMY	0.6636, 0.0517, 0.0321
CMYK	0.65, 0.02, 0.00, 0.03
HSL	182°, 91%, 65%
HSV	182°, 65%, 97%
XYZ	52.2730, 72.0653, 99.0014
YIQ	195.9260, -94.5810, -31.5170

Conversions

Conversions Part 2

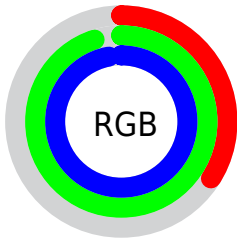
Format	Color
RYB	86, 165, 247
Decimal	5698295
CIELab	88.00, -38.62, -14.45
CIELCh	88, 41.236, 200.508
Yxy	72.0653, 0.2341, 0.3227
Android (android.graphics.Color)	4283888375 (0xFF56F2F7)
YUV	195.9260, 25.1795, -96.4051
Hunter-Lab	84.8913, -38.6458, -9.7210

Details

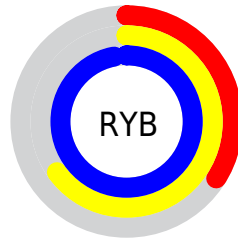
The CIELCh color **88, 41.236, 200.508** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **60, 68.980, 30.663**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **68, 38.611, 201.465** is the 20% darker color. If you saturate the color by 10%, you get **87, 44.069, 200.634**, and if you desaturate by 10%, it is **89, 37.319, 200.499**.

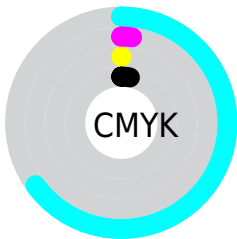
Distribution



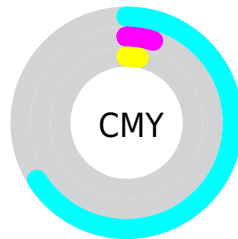
- Red (34%)
- Green (95%)
- Blue (97%)



- Red (34%)
- Yellow (65%)
- Blue (97%)



- Cyan (65%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)




- Cyan (66%)
- Magenta (5%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 41.236, 200.508 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, 41.236, 200.508 by changing the saturation by 10% instead.


 88, 41.236,
200.508


 88, 41.236,
200.508


 100, 41.236,
200.508


 78, 41.236,
200.508

 68, 41.236,
200.508

 58, 41.236,
200.508

 48, 41.236,
200.508

 38, 41.236,
200.508

 28, 41.236,
200.508

 18, 41.236,

200.508

■ 8, 41.236, 200.508

■ 0, 41.236, 200.508

■ 88, 41.236,
200.508

■ 88, 41.236,
200.508

■ 87, 44.069,
200.634

■ 89, 37.319,
200.499

■ 87, 45.839,
200.889

■ 90, 32.363,
200.603

■ 86, 46.647,
201.270

■ 91, 26.461,
200.806

■ 86, 46.807,
201.484

■ 93, 19.734,
201.098

■ 94, 12.319,

201.474

96, 4.355, 201.986

98, 2.768, 23.188

98, 2.551, 32.328

98, 2.410, 42.837

Harmonies

Complementary

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



88, 41.236, 200.508



60, 68.980, 30.663

Rectangle

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



88, 41.236, 200.508



88, 41.236, 250.508



88, 41.236, 20.508



88, 41.236, 70.508

Sweetspot

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



88, 41.236, 200.507



96, 16.343, 201.283



87, 94.305, 138.935



51, 11.044, 201.180



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, 41.236, 200.507



90, 45.804, 200.695



66, 48.617, 271.809



50, 4.635, 201.738



67, 37.900, 201.392



21, 16.942, 200.702

Inverse Universe

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



64, 91.873, 328.633



62, 105.100, 329.062



75, 57.364, 68.627



48, 8.576, 325.788



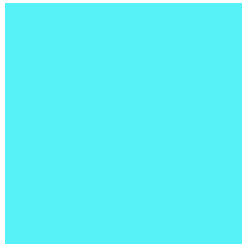
44, 89.036, 329.505



11, 39.714, 329.332

Previews

White Background



This preview shows how the CIE LCh color 88, 41.236, 200.508 looks on a white background.

Color Contrast Check

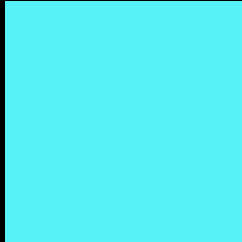
Large Text (above 18pt) WCAG AA × Fail

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, 41.236, 200.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

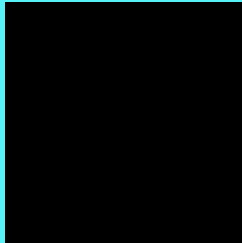
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 41.236, 200.508

Background



This preview shows how black text looks on a background with the CIELCh color 88, 41.236, 200.508.

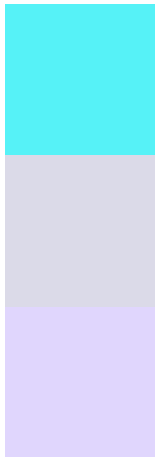


This preview shows how white text looks on a background with the CIELCh color 88, 41.236, 200.508.

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](#).

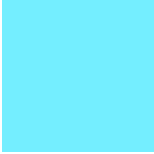
Dichromacy



Original Color
88, 41.236, 200.508

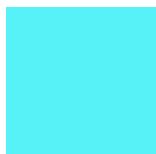
Protanopia
87, 7.342, 293.528

Deuteranopia
88, 20.768, 301.196

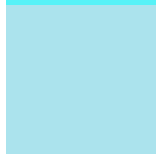


Tritanopia
88, 34.956, 212.209

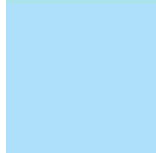
Trichromacy



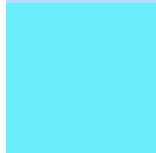
Original Color
88, 41.236, 200.508



Protanomaly
87, 18.812, 214.536

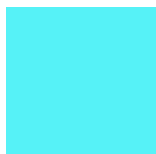


Deuteranomaly
87, 20.840, 241.652

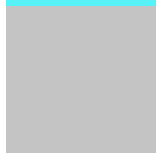


Tritanomaly
88, 37.152, 207.798

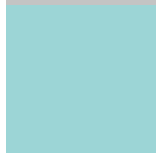
Monochromacy



Original Color
88, 41.236, 200.508



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 19.019, 199.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 41.236, 200.508 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(86, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(86, 242, 247)  
}
```

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(86, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 242, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 41.236, 200.508 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(86, 242, 247) }
```

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

```
.border{ border-color:rgb(86, 242, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 242, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(86, 242,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 41.236, 200.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 242, 247) }
```

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

```
.background{ background-color: rgb(86, 242,  
247) }
```

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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