

Converting Colors

CIELCh(88, 26.512, 203.393)

Have a look what the booklet for
CIELCh(88, 26.512, 203.393)
contains.

CIELCh(88, 26.592, 203.394)	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, 26.592, 203.394)

Conversions

Conversions Part 1

Format	Color
Hex	96EBF0
RGB	150, 235, 240
RGB Percent	59%, 92%, 94%
CMY	0.4124, 0.0791, 0.0595
CMYK	0.38, 0.02, 0.00, 0.06
HSL	183°, 75%, 76%
HSV	183°, 38%, 94%
XYZ	57.9063, 72.0653, 93.1602
YIQ	210.1550, -52.2650, -16.4650

Conversions

Conversions Part 2

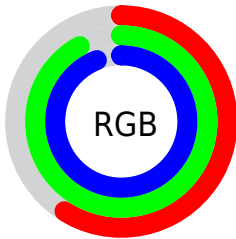
Format	Color
R _Y B	150, 194, 240
Decimal	9890800
CIE Lab	88.00, -24.41, -10.56
CIE LCh	88, 26.592, 203.394
Yxy	72.0653, 0.2595, 0.3230
Android (android.graphics.Color)	4288080880 (0xFF96EBF0)
YUV	210.1550, 14.7136, -52.7559
Hunter-Lab	84.8913, -26.8007, -5.6413

Details

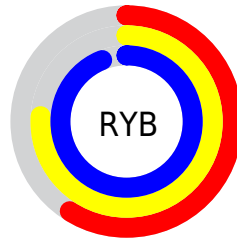
The CIELCh color **88, 26.592, 203.394** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 34.988, 26.968**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **68, 26.486, 203.374** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.021, 203.368**, and if you desaturate by 10%, it is **90, 20.346, 203.531**.

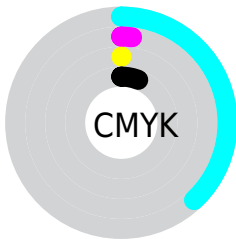
Distribution



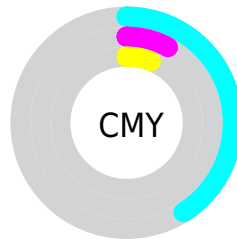
- Red (59%)
- Green (92%)
- Blue (94%)



- Red (59%)
- Yellow (76%)
- Blue (94%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (41%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 26.592, 203.394 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, 26.592, 203.394 by changing the saturation by 10% instead.

■ 88, 26.592,
203.394

■ 88, 26.592,
203.394

■ 100, 26.592,
203.394

■ 78, 26.592,
203.394

■ 68, 26.592,
203.394

■ 58, 26.592,
203.394

■ 48, 26.592,
203.394

■ 38, 26.592,
203.394


■ 28, 26.592,
203.394

■ 18, 26.592,


203.394


 8, 26.592, 203.394


 0, 26.592, 203.394


 88, 26.592,
203.394

 88, 26.592,
203.394

 87, 32.021,
203.368


 90, 20.346,
203.531

 85, 36.517,
203.479

 91, 13.413,
203.773

 84, 39.999,
203.744

 93, 5.925, 204.136

 84, 42.430,
204.181

 95, 1.993, 24.073

 96, 4.895, 29.556

 83, 43.844,

204.807

97, 4.599, 38.905

82, 44.366,
205.625

97, 4.442, 49.211

82, 44.428,
205.843

97, 4.436, 59.892

98, 4.583, 70.231

Harmonies

Complementary

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



88, 26.592, 203.394



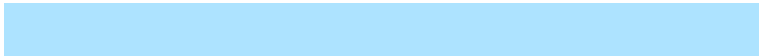
72, 34.988, 26.968

Rectangle

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



88, 26.592, 203.394



88, 26.592, 253.394



88, 26.592, 23.394



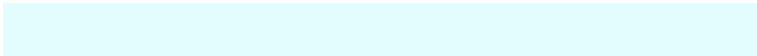
88, 26.592, 73.394

Sweetspot

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



88, 26.592, 203.391



98, 9.018, 203.989



87, 54.883, 142.944



52, 6.037, 203.939



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

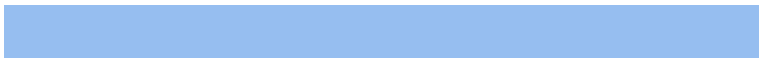
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 26.592, 203.391



92, 32.275, 203.362



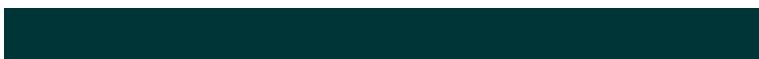
76, 28.901, 267.096



49, 4.449, 204.050



65, 36.403, 205.673



19, 16.036, 204.291

Inverse Universe

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



74, 54.604, 328.078



74, 68.075, 328.485



83, 31.116, 75.705



47, 8.289, 326.478



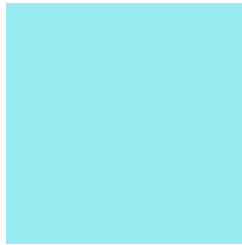
43, 86.452, 330.570



10, 37.969, 330.228

Previews

White Background



This preview shows how the CIE LCh color 88, 26.592, 203.394 looks on a white background.

Color Contrast Check

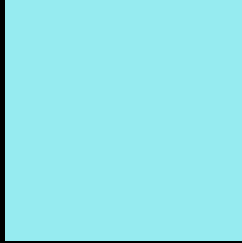
Large Text (above 18pt) WCAG AA × Fail

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, 26.592, 203.394 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

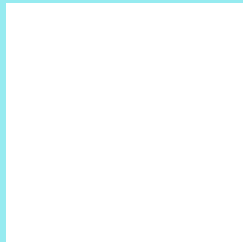
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 26.592, 203.394

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.592, 203.394.



This preview shows how white text looks on a background with the CIELCh color 88, 26.592, 203.394.

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



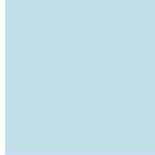


Tritanopia
88, 26.006, 220.580

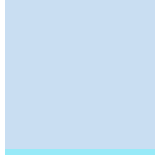
Trichromacy



Original Color
88, 26.592, 203.394



Protanomaly
87, 11.021, 227.287



Deuteranomaly
88, 12.458, 256.470

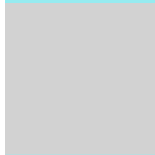


Tritanomaly
88, 26.009, 214.326

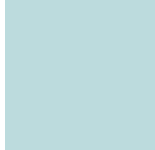
Monochromacy



Original Color
88, 26.592, 203.394



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 10.730, 204.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.592, 203.394 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(150, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(150, 235, 240)  
}
```

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(150, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 235, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.592, 203.394 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(150, 235, 240) }
```

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

```
.border{ border-color:rgb(150, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(150, 235,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.592, 203.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 235, 240) }
```

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

```
.background{ background-color: rgb(150,  
235, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor