

Converting Colors

CIELCh(80, 56.144, 201.776)

Have a look what the booklet for
CIELCh(80, 56.144, 201.776)
contains.

CIELCh(82, 44.363, 204.209)	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(82, 44.363, 204.209)

Conversions

Conversions Part 1

Format	Color
Hex	04E2ED
RGB	4, 226, 237
RGB Percent	2%, 89%, 93%
CMY	0.9839, 0.1152, 0.0721
CMYK	0.98, 0.05, 0.00, 0.07
HSL	183°, 97%, 47%
HSV	183°, 98%, 93%
XYZ	42.3697, 60.2982, 89.2258
YIQ	160.8760, -135.8430, -43.6430

Conversions

Conversions Part 2

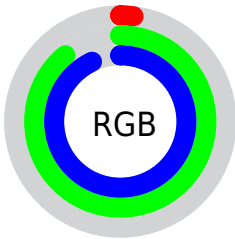
Format	Color
RYB	4, 118, 237
Decimal	320237
CIELab	82.00, -40.46, -18.19
CIELCh	82, 44.363, 204.209
Yxy	60.2982, 0.2208, 0.3142
Android (android.graphics.Color)	4278510317 (0xFF04E2ED)
YUV	160.8760, 37.5291, -137.5803
Hunter-Lab	77.6519, -38.4947, -13.7707

Details

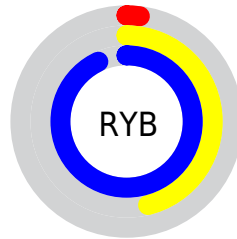
The CIELCh color **82, 44.363, 204.209** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **50, 97.285, 40.003**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.445, 197.005**, and **63, 35.809, 206.618** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.412, 204.334**, and if you desaturate by 10%, it is **82, 43.859, 203.526**.

Distribution



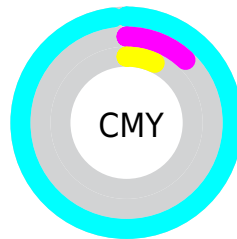
- Red (2%)
- Green (89%)
- Blue (93%)



- Red (2%)
- Yellow (46%)
- Blue (93%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)




- Cyan (98%)
- Magenta (12%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 44.363, 204.209 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 82, 44.363, 204.209 by changing the saturation by 10% instead.

 82, 44.363,
204.209

 82, 44.363,
204.209

 100, 44.363,
204.209

 72, 44.363,
204.209

 62, 44.363,
204.209

 52, 44.363,
204.209

 42, 44.363,
204.209

 32, 44.363,
204.209

 22, 44.363,
204.209

 12, 44.363,

204.209

■ 2, 44.363, 204.209

■ 0, 44.363, 204.209

■ 82, 44.363,
204.209

■ 82, 44.363,
204.209

■ 82, 44.412,
204.334

■ 82, 43.859,
203.526

■ 83, 42.495,
203.009

■ 84, 40.127,
202.659

■ 85, 36.718,
202.464

■ 86, 32.298,

202.410

■ 87, 26.944,
202.480

■ 89, 20.769,
202.658

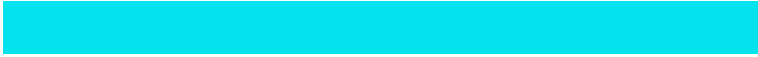
■ 90, 13.901,
202.933

■ 92, 6.471, 203.317

Harmonies

Complementary

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



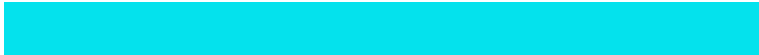
82, 44.363, 204.209



50, 97.285, 40.003

Rectangle

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



82, 44.363, 204.209



82, 44.363, 254.209



82, 44.363, 24.209



82, 44.363, 74.209

Sweetspot

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



82, 44.362, 204.208



94, 22.571, 202.639



82, 112.273, 136.263



50, 15.218, 202.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 44.362, 204.208



88, 46.989, 204.369



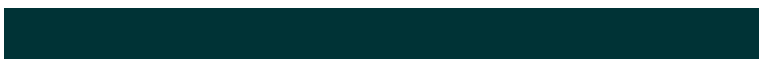
49, 72.722, 287.171



48, 4.406, 203.262



64, 36.379, 204.191



19, 15.711, 202.980

Inverse Universe

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



56, 104.930, 330.198



60, 111.279, 330.248



64, 78.988, 63.264



46, 8.190, 326.242



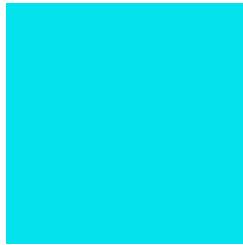
43, 86.116, 330.203



9, 37.077, 329.902

Previews

White Background



This preview shows how the CIE LCh color 82, 44.363, 204.209 looks on a white background.

Color Contrast Check

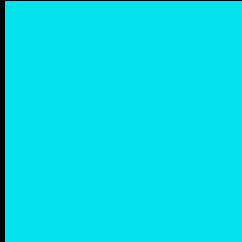
Large Text (above 18pt) WCAG AA × Fail

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 82, 44.363, 204.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

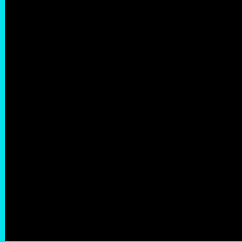
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 44.363, 204.209

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.363, 204.209.

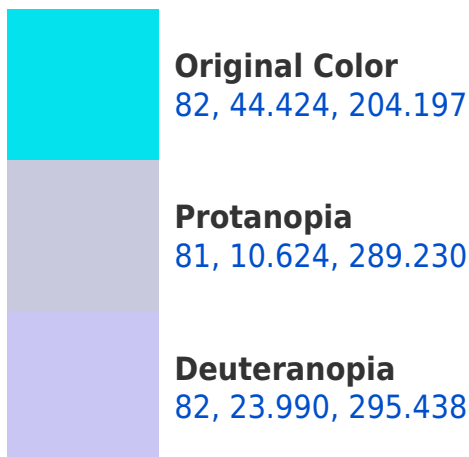


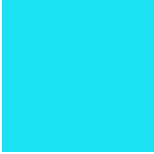
This preview shows how white text looks on a background with the CIELCh color 82, 44.363, 204.209.

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



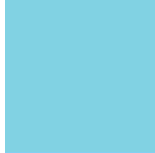


Tritanopia
82, 43.136, 209.661

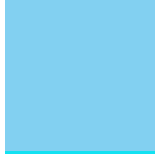
Trichromacy



Original Color
82, 44.424, 204.197



Protanomaly
80, 26.035, 218.358



Deuteranomaly
80, 28.316, 236.889

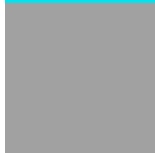


Tritanomaly
82, 43.576, 208.034

Monochromacy



Original Color
82, 44.424, 204.197



Achromatopsia
66, 0.008, 296.813



Achromatomaly
70, 25.364, 202.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.363, 204.209 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(4, 226, 237)` looks like.

```
.text, #text, p{  
  color:rgb(4, 226, 237)  
}
```

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(4, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 226, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.363, 204.209 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(4, 226, 237) }
```

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

```
.border{ border-color:rgb(4, 226, 237) }
```

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

Here you see how a box with a 4 pixel rgb(4, 226, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(4, 226,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.363, 204.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 226, 237) }
```

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

```
.background{ background-color: rgb(4, 226,  
237) }
```

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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