

Converting Colors

CIELCh(88, 32.147, 179.413)

Have a look what the booklet for
CIELCh(88, 32.147, 179.413)
contains.

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Color

CIELCh(88, 32.234, 179.261)

Conversions

Conversions Part 1

Format	Color
Hex	90EEDB
RGB	144, 238, 219
RGB Percent	56%, 93%, 86%
CMY	0.4360, 0.0673, 0.1418
CMYK	0.40, 0.00, 0.08, 0.07
HSL	168°, 73%, 75%
HSV	168°, 40%, 93%
XYZ	54.7580, 72.0653, 77.9223
YIQ	207.7280, -49.9250, -25.8370

Conversions

Conversions Part 2

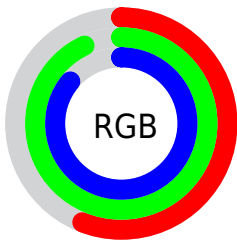
Format	Color
RYB	144, 196, 238
Decimal	9498331
CIELab	88.00, -32.23, 0.42
CIElCh	88, 32.234, 179.261
Yxy	72.0653, 0.2674, 0.3520
Android (android.graphics.Color)	4287688411 (0xFF90EEDB)
YUV	207.7280, 5.5571, -55.8895
Hunter-Lab	84.8913, -33.4206, 5.0012

Details

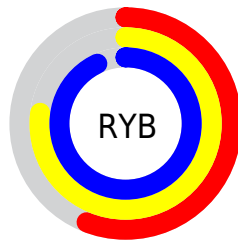
The CIELCh color **88, 32.234, 179.261** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 38.160, 8.010**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **68, 32.320, 178.851** is the 20% darker color. If you saturate the color by 10%, you get **87, 39.018, 178.111**, and if you desaturate by 10%, it is **89, 24.752, 180.325**.

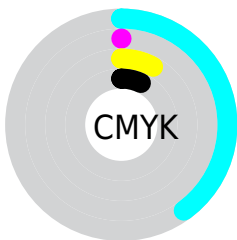
Distribution



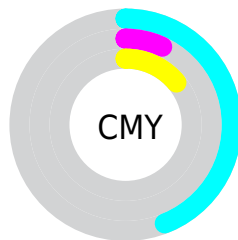
- Red (56%)
- Green (93%)
- Blue (86%)



- Red (56%)
- Yellow (77%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 32.234, 179.261 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, 32.234, 179.261 by changing the saturation by 10% instead.


 88, 32.234,
179.261


 88, 32.234,
179.261


 100, 32.234,
179.261


 78, 32.234,
179.261

 68, 32.234,
179.261

 58, 32.234,
179.261

 48, 32.234,
179.261

 38, 32.234,
179.261

 28, 32.234,
179.261

 18, 32.234,

179.261

■ 8, 32.234, 179.261

■ 0, 32.234, 179.261

■ 88, 32.234,
179.261

■ 88, 32.234,
179.261

■ 87, 39.018,
178.111

■ 89, 24.752,
180.325

■ 86, 44.964,
176.859

■ 91, 16.719,
181.330

■ 85, 49.970,
175.479

■ 92, 8.282, 182.304

■ 85, 53.984,
173.948

■ 94, 0.424, 1.761

■ 95, 6.650, 356.978

■ 85, 57.029,

172.247

96, 7.926, 340.373

84, 59.279,
170.394

96, 9.677, 329.108

84, 59.380,
170.306

96, 10.710,
324.785

Harmonies

Complementary

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



88, 32.234, 179.261



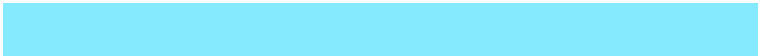
70, 38.160, 8.010

Rectangle

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



88, 32.234, 179.261



88, 32.234, 229.261



88, 32.234, 359.261



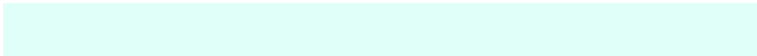
88, 32.234, 49.261

Sweetspot

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



88, 32.235, 179.259



98, 11.006, 182.057



87, 55.437, 136.138



52, 7.287, 181.930



0, 0.000, 0.000



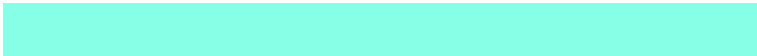
53, 0.007, 296.813

Same Dimension

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



88, 32.235, 179.259



93, 39.529, 178.389



81, 24.581, 233.642



49, 4.974, 182.308



67, 48.703, 170.640



20, 20.519, 173.565

Inverse Universe

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



70, 38.160, 8.010



70, 48.480, 9.504



76, 31.854, 47.647



47, 5.163, 3.917



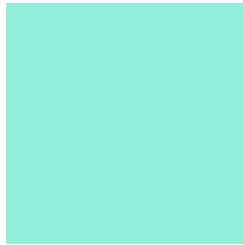
38, 72.494, 29.266



8, 28.997, 15.467

Previews

White Background



This preview shows how the CIELCh color 88, 32.234, 179.261 looks on a white background.

Color Contrast Check

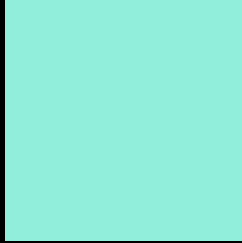
Large Text (above 18pt) WCAG AA × Fail

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, 32.234, 179.261 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, 32.234, 179.261

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.234, 179.261.

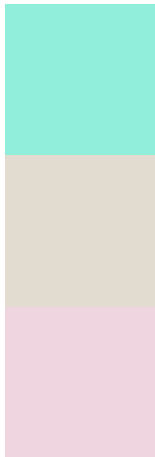


This preview shows how white text looks on a background with the CIELCh color 88, 32.234, 179.261.

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, 32.234, 179.261

Protanopia

88, 6.262, 85.368

Deuteranopia

88, 11.048, 348.958



Tritanopia
88, 26.243, 220.352

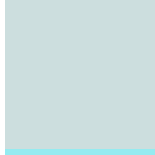
Trichromacy



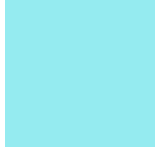
Original Color
88, 32.234, 179.261



Protanomaly
87, 13.021, 164.359



Deuteranomaly
87, 6.326, 199.055

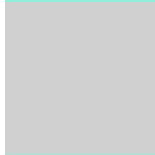


Tritanomaly
88, 26.851, 203.323

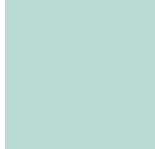
Monochromacy



Original Color
88, 32.234, 179.261



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 12.545, 181.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.234, 179.261 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(144, 238, 219)` looks like.

```
.text, #text, p{  
    color:rgb(144, 238, 219)  
}
```

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(144, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 238, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.234, 179.261 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(144, 238, 219) }
```

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

```
.border{ border-color:rgb(144, 238, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 238, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 238, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 238, 219); box-shadow:4px 4px 4px 4px rgb(144, 238, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.234, 179.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 238, 219) }
```

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

```
.background{ background-color: rgb(144,  
238, 219) }
```

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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