

Converting Colors

CIELCh(88, 25.488, 201.938)

Have a look what the booklet for
CIELCh(88, 25.488, 201.938)
contains.

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Color

CIELCh(88, 25.304, 202.557)

Conversions

Conversions Part 1

Format	Color
Hex	9AEAEE
RGB	154, 234, 238
RGB Percent	60%, 92%, 93%
CMY	0.3951, 0.0814, 0.0657
CMYK	0.35, 0.02, 0.00, 0.07
HSL	183°, 71%, 77%
HSV	183°, 35%, 93%
XYZ	58.3327, 72.0653, 91.9121
YIQ	210.5360, -48.9640, -15.7160

Conversions

Conversions Part 2

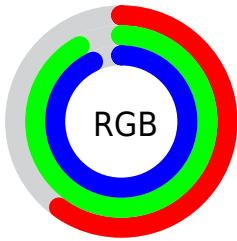
Format	Color
RYB	154, 195, 238
Decimal	10152686
CIELab	88.00, -23.37, -9.71
CIELCh	88, 25.304, 202.557
Yxy	72.0653, 0.2624, 0.3242
Android (android.graphics.Color)	4288342766 (0xFF9AEAE6)
YUV	210.5360, 13.5398, -49.5821
Hunter-Lab	84.8913, -25.9042, -4.7696

Details

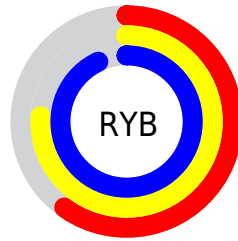
The CIELCh color **88, 25.304, 202.557** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 32.637, 26.095**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **68, 25.339, 202.455** is the 20% darker color. If you saturate the color by 10%, you get **87, 30.946, 202.452**, and if you desaturate by 10%, it is **90, 18.874, 202.760**.

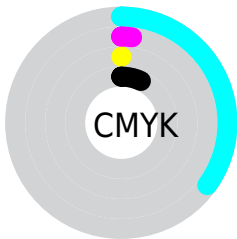
Distribution



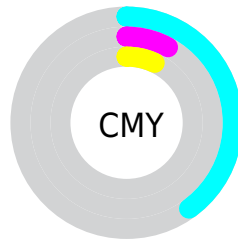
- Red (60%)
- Green (92%)
- Blue (93%)



- Red (60%)
- Yellow (76%)
- Blue (93%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 25.304, 202.557 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, 25.304, 202.557 by changing the saturation by 10% instead.

■ 88, 25.304,
202.557

■ 88, 25.304,
202.557

■ 100, 25.304,
202.557

■ 78, 25.304,
202.557

■ 68, 25.304,
202.557

■ 58, 25.304,
202.557

■ 48, 25.304,
202.557

■ 38, 25.304,
202.557

■ 28, 25.304,
202.557

■ 18, 25.304,

202.557

■ 8, 25.304, 202.557

■ 0, 25.304, 202.557

■ 88, 25.304,
202.557

■ 88, 25.304,
202.557

■ 87, 30.946,
202.452

■ 90, 18.874,
202.760

■ 85, 35.679,
202.470

■ 91, 11.786,
203.062

■ 85, 39.414,
202.623

■ 93, 4.172, 203.511

■ 84, 42.104,
202.929

■ 95, 3.845, 23.598

■ 96, 5.463, 28.624

■ 83, 43.766,

203.400

96, 5.187, 35.611

83, 44.494,
204.042

96, 4.997, 43.251

82, 44.627,
204.390

97, 4.902, 51.334

97, 4.907, 59.560

Harmonies

Complementary

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



88, 25.304, 202.557



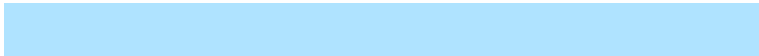
73, 32.637, 26.095

Rectangle

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



88, 25.304, 202.557



88, 25.304, 252.557



88, 25.304, 22.557



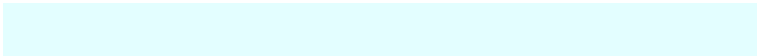
88, 25.304, 72.557

Sweetspot

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



88, 25.304, 202.554



98, 9.087, 203.222



87, 51.961, 142.718



52, 6.083, 203.168



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

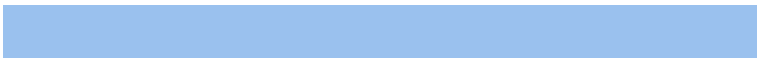
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 25.304, 202.554



92, 30.832, 202.471



77, 26.508, 264.875



49, 4.483, 203.289



65, 36.744, 204.251



20, 16.171, 203.090

Inverse Universe

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



74, 51.417, 327.714



76, 64.194, 328.084



83, 28.692, 74.373



47, 8.334, 326.252



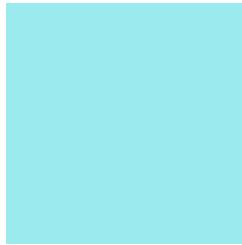
43, 86.992, 330.218



10, 38.173, 329.930

Previews

White Background



This preview shows how the CIE LCh color 88, 25.304, 202.557 looks on a white background.

Color Contrast Check

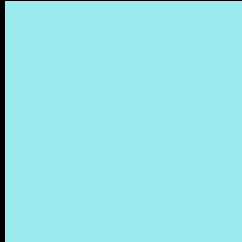
Large Text (above 18pt) WCAG AA × Fail

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, 25.304, 202.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

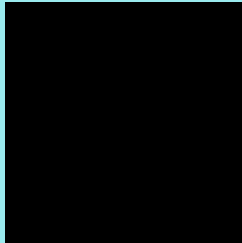
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.304, 202.557

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.304, 202.557.




This preview shows how white text looks on a background with the CIELCh color 88, 25.304, 202.557.

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, 24.809, 221.817

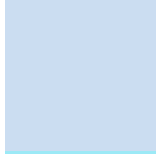
Trichromacy



Original Color
88, 25.304, 202.557



Protanomaly
87, 10.032, 223.609



Deuteranomaly
87, 11.961, 260.465

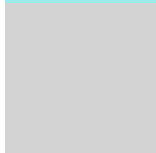


Tritanomaly
88, 24.682, 214.031

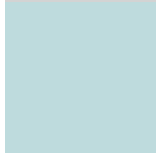
Monochromacy



Original Color
88, 25.304, 202.557



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 10.070, 204.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.304, 202.557 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(154, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(154, 234, 238)  
}
```

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(154, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 234, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.304, 202.557 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(154, 234, 238) }
```

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

```
.border{ border-color:rgb(154, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(154, 234,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.304, 202.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 234, 238) }
```

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

```
.background{ background-color: rgb(154,  
234, 238) }
```

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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