

Converting Colors

CIELCh(92, 44.396, 163.108)

Have a look what the booklet for
CIELCh(92, 44.396, 163.108)
contains.

CIELCh(92, 44.213, 163.348)	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(92, 44.213, 163.348)

Conversions

Conversions Part 1

Format	Color
Hex	8EFDCE
RGB	142, 253, 206
RGB Percent	56%, 99%, 81%
CMY	0.4419, 0.0066, 0.1909
CMYK	0.44, 0.00, 0.19, 0.01
HSL	155°, 97%, 78%
HSV	155°, 44%, 99%
XYZ	57.6152, 80.7044, 71.1293
YIQ	214.4530, -51.0690, -38.1490

Conversions

Conversions Part 2

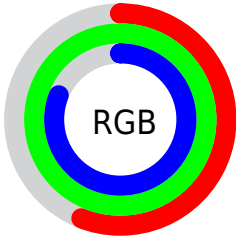
Format	Color
RYB	142, 212, 253
Decimal	9371086
CIELab	92.00, -42.36, 12.67
CIELCh	92, 44.213, 163.348
Yxy	80.7044, 0.2751, 0.3853
Android (android.graphics.Color)	4287561166 (0xFF8EFDCE)
YUV	214.4530, -4.1673, -63.5413
Hunter-Lab	89.8356, -42.7331, 15.9408

Details

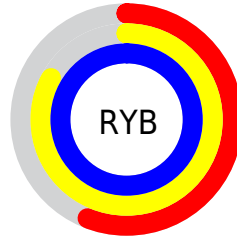
The CIELCh color **92, 44.213, 163.348** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72, 47.736, 353.001**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **72, 44.222, 163.395** is the 20% darker color. If you saturate the color by 10%, you get **91, 53.087, 161.931**, and if you desaturate by 10%, it is **93, 34.692, 164.607**.

Distribution



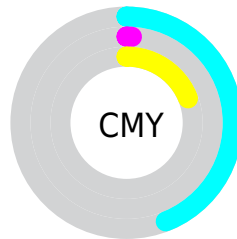
- Red (56%)
- Green (99%)
- Blue (81%)



- Red (56%)
- Yellow (83%)
- Blue (99%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 44.213, 163.348 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 92, 44.213, 163.348 by changing the saturation by 10% instead.

 92, 44.213,
163.348

 92, 44.213,
163.348

 100, 44.213,
163.348

 82, 44.213,
163.348

 72, 44.213,
163.348

 62, 44.213,
163.348

 52, 44.213,
163.348

 42, 44.213,
163.348

 32, 44.213,
163.348

 22, 44.213,

163.348

■ 12, 44.213,
163.348

■ 2, 44.213, 163.348

■ 92, 44.213,
163.348

■ 92, 44.213,
163.348

■ 91, 53.087,
161.931

■ 93, 34.692,
164.607

■ 90, 61.145,
160.332

■ 95, 24.702,
165.738

■ 89, 68.258,
158.528

■ 97, 14.416,
166.767

■ 89, 74.367,
156.506

■ 99, 3.986, 167.784

■ 100, 1.048,

■ 88, 79.506,
154.276

324.183

■ 88, 82.320,
152.845

Harmonies

Complementary

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



92, 44.213, 163.348



72, 47.736, 353.001

Rectangle

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



92, 44.213, 163.348



92, 44.213, 213.348



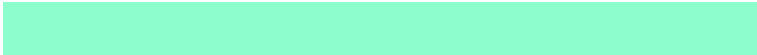
92, 44.213, 343.348



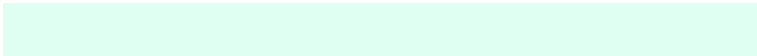
92, 44.213, 33.348

Sweetspot

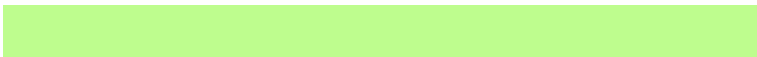
The Sweet Spot groups the original color and five complimentary colors.



92, 44.214, 163.347



97, 13.638, 166.848



93, 60.420, 129.309



52, 9.535, 166.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 44.214, 163.347



91, 52.667, 162.050



91, 31.124, 204.654



52, 5.969, 167.191



68, 66.094, 153.272



23, 28.651, 156.492

Inverse Universe

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



72, 47.736, 353.001



68, 57.499, 354.592



73, 43.344, 28.620



50, 6.075, 348.794



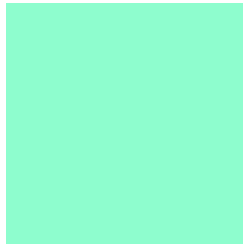
41, 68.100, 9.514



10, 31.365, 2.795

Previews

White Background



This preview shows how the CIE LCh color 92, 44.213, 163.348 looks on a white background.

Color Contrast Check

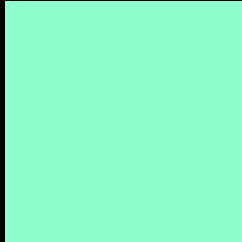
Large Text (above 18pt) WCAG AA × Fail

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 92, 44.213, 163.348 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

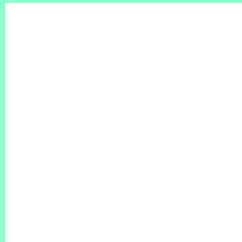
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 44.213, 163.348

Background



This preview shows how black text looks on a background with the CIELCh color 92, 44.213, 163.348.

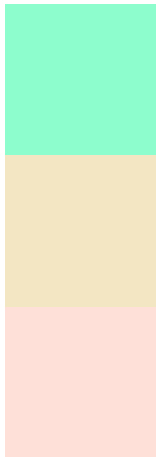


This preview shows how white text looks on a background with the CIELCh color 92, 44.213, 163.348.

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
92, 44.213, 163.348

Protanopia
91, 18.691, 93.372

Deuteranopia
91, 12.236, 39.735



Tritanopia
92, 19.445, 220.367

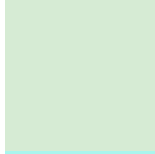
Trichromacy



Original Color
92, 44.213, 163.348



Protanomaly
91, 23.348, 138.614



Deuteranomaly
91, 14.167, 141.580

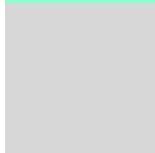


Tritanomaly
92, 25.209, 188.270

Monochromacy



Original Color
92, 44.213, 163.348



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 16.781, 166.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 44.213, 163.348 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(142, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(142, 253, 206)  
}
```

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(142, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 253, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 44.213, 163.348 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(142, 253, 206) }
```

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

```
.border{ border-color:rgb(142, 253, 206) }
```

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

Here you see how a box with a 4 pixel rgb(142, 253, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(142, 253,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 44.213, 163.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 253, 206) }
```

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

```
.background{ background-color: rgb(142,  
253, 206) }
```

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