

Converting Colors

CIELCh(92, 7.826, 179.653)

Have a look what the booklet for
CIELCh(92, 7.826, 179.653) contains.

CIELCh(92, 7.826, 179.653)	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, 7.826, 179.653)

Conversions

Conversions Part 1

Format	Color
Hex	D8EDE8
RGB	216, 237, 232
RGB Percent	85%, 93%, 91%
CMY	0.1544, 0.0720, 0.0916
CMYK	0.09, 0.00, 0.02, 0.07
HSL	166°, 36%, 89%
HSV	166°, 9%, 93%
XYZ	72.9032, 80.7044, 87.8063
YIQ	230.1510, -10.9110, -6.0070

Conversions

Conversions Part 2

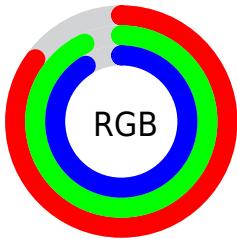
Format	Color
RYB	216, 228, 237
Decimal	14216680
CIELab	92.00, -7.83, 0.05
CIELCh	92, 7.826, 179.653
Yxy	80.7044, 0.3020, 0.3343
Android (android.graphics.Color)	4292406760 (0xFFD8EDE8)
YUV	230.1510, 0.9116, -12.4104
Hunter-Lab	89.8356, -12.3565, 4.9343

Details

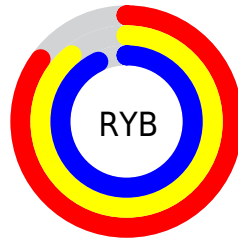
The CIELCh color `92, 7.826, 179.653` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `88, 8.079, 1.160`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 7.873, 178.572` is the 20% darker color. If you saturate the color by 10%, you get `90, 16.438, 178.642`, and if you desaturate by 10%, it is `94, 1.009, 359.921`.

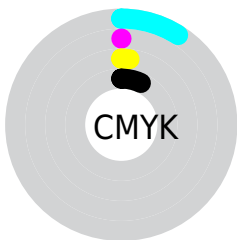
Distribution



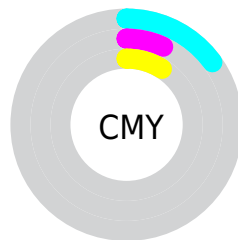
- Red (85%)
- Green (93%)
- Blue (91%)



- Red (85%)
- Yellow (89%)
- Blue (93%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.826, 179.653 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, 7.826, 179.653 by changing the saturation by 10% instead.

■ 92, 7.826, 179.653

■ 92, 7.826, 179.653

■ 100, 7.826,
179.653

■ 82, 7.826, 179.653

■ 72, 7.826, 179.653

■ 62, 7.826, 179.653

■ 52, 7.826, 179.653

■ 42, 7.826, 179.653

■ 32, 7.826, 179.653

■ 22, 7.826, 179.653

■ 12, 7.826, 179.653

■ 2, 7.826, 179.653

92, 7.826, 179.653

92, 7.826, 179.653

90, 16.438,
178.642

94, 1.009, 359.921

89, 24.689,
177.602

95, 7.303, 353.743

88, 32.436,
176.489

95, 8.945, 336.916

87, 39.527,
175.281

95, 11.115,
326.030

86, 45.820,
173.954

96, 11.456,
324.813

85, 51.203,
172.484

84, 55.616,
170.845

84, 59.071,
169.022

■ 84, 61.715,
167.030

Harmonies

Complementary

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



92, 7.826, 179.653



88, 8.079, 1.160

Rectangle

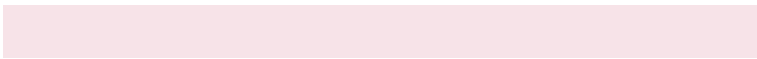
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



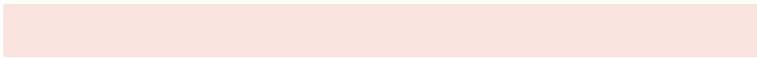
92, 7.826, 179.653



92, 7.826, 229.653



92, 7.826, 359.653



92, 7.826, 49.653

Sweetspot

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



92, 7.828, 179.643



99, 2.824, 180.322



92, 12.275, 136.919



53, 2.140, 180.204



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, 7.828, 179.643



98, 10.287, 179.425



91, 6.048, 225.978



48, 4.974, 179.584



66, 50.463, 167.182



19, 20.668, 170.533

Inverse Universe

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



88, 8.079, 1.160



93, 10.697, 1.398



89, 6.371, 44.944



46, 5.143, 1.224



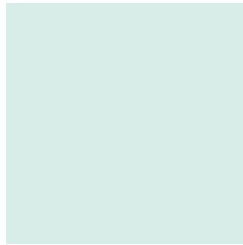
38, 70.095, 26.359



7, 27.846, 12.670

Previews

White Background



This preview shows how the CIELCh color 92, 7.826, 179.653 looks on a white background.

Color Contrast Check

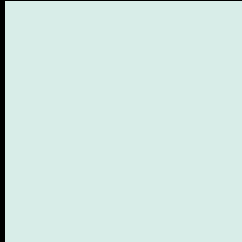
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 7.826, 179.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

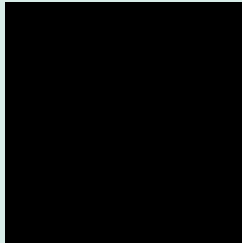
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

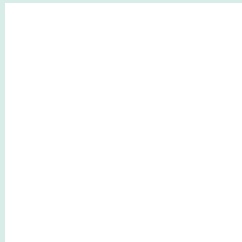
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.826, 179.653

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.826, 179.653.



This preview shows how white text looks on a background with the CIELCh color 92, 7.826, 179.653.

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](#).

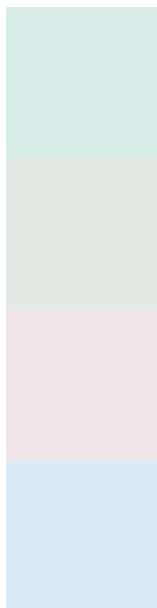
Dichromacy





Tritanopia
92, 10.493, 262.029

Trichromacy



Original Color
92, 7.826, 179.653

Protanomaly
92, 2.515, 144.461

Deuteranomaly
92, 4.147, 349.666

Tritanomaly
92, 7.695, 241.504

Monochromacy



Original Color
92, 7.826, 179.653

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.532, 187.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.826, 179.653 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(216, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(216, 237, 232)  
}
```

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(216, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 237, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.826, 179.653 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(216, 237, 232) }
```

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

```
.border{ border-color:rgb(216, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(216, 237,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.826, 179.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 237, 232) }
```

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

```
.background{ background-color: rgb(216,  
237, 232) }
```

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