

Converting Colors

CIE LCh(92, 4.304, 179.205)

Have a look what the booklet for
CIELCh(92, 4.304, 179.205) contains.

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Color

CIELCh(92, 4.521, 179.176)

Conversions

Conversions Part 1

Format	Color
Hex	DFEBE8
RGB	223, 235, 232
RGB Percent	87%, 92%, 91%
CMY	0.1266, 0.0795, 0.0913
CMYK	0.05, 0.00, 0.01, 0.08
HSL	165°, 23%, 90%
HSV	165°, 5%, 92%
XYZ	74.4941, 80.7044, 87.7814
YIQ	231.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

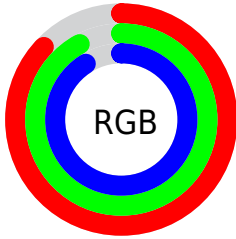
Format	Color
R_{YB}	223, 230, 235
Decimal	14674920
CIE Lab	92.00, -4.52, 0.07
CIE LCh	92, 4.521, 179.176
Yxy	80.7044, 0.3066, 0.3321
Android (android.graphics.Color)	4292865000 (0xFFDFEBE8)
YUV	231.0700, 0.4585, -7.0774
Hunter-Lab	89.8356, -9.1954, 4.9507

Details

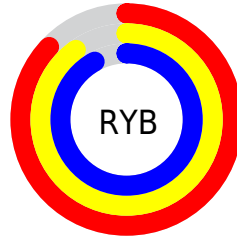
The CIELCh color **92, 4.521, 179.176** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 4.608, 359.857**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.410, 177.426** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.236, 178.130**, and if you desaturate by 10%, it is **94, 4.360, 359.803**.

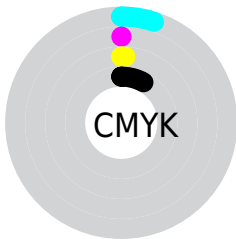
Distribution



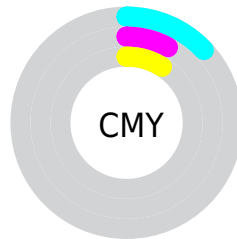
- Red (87%)
- Green (92%)
- Blue (91%)



- Red (87%)
- Yellow (90%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.521, 179.176 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, 4.521, 179.176 by changing the saturation by 10% instead.

■ 92, 4.521, 179.176

■ 92, 4.521, 179.176

■ 100, 4.521,
179.176

■ 82, 4.521, 179.176

■ 72, 4.521, 179.176

■ 62, 4.521, 179.176

■ 52, 4.521, 179.176

■ 42, 4.521, 179.176

■ 32, 4.521, 179.176

■ 22, 4.521, 179.176

■ 12, 4.521, 179.176

■ 2, 4.521, 179.176

92, 4.521, 179.176

92, 4.521, 179.176

90, 13.236,
178.130

94, 4.360, 359.803

89, 21.657,
177.103

95, 8.520, 348.188

87, 29.643,
176.009

95, 10.409,
333.962

86, 37.045,
174.823

95, 12.659,
324.857

85, 43.714,
173.524

85, 49.525,
172.085

84, 54.393,
170.483

83, 58.300,
168.695

■ 83, 61.313,
166.717

Harmonies

Complementary

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



92, 4.521, 179.176



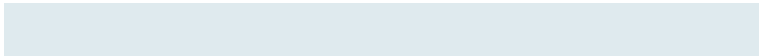
90, 4.608, 359.857

Rectangle

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



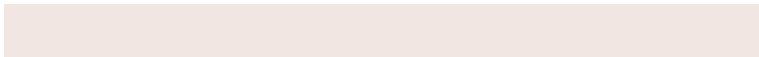
92, 4.521, 179.176



92, 4.521, 229.176



92, 4.521, 359.176



92, 4.521, 49.176

Sweetspot

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



92, 4.523, 179.159



100, 1.893, 179.632



92, 6.975, 136.591



53, 1.076, 179.658



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

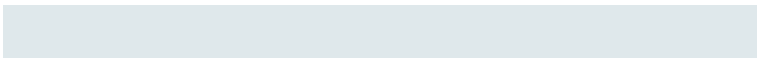
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 4.523, 179.159



99, 5.673, 179.056



91, 3.513, 223.790



49, 3.512, 178.991



66, 51.246, 166.090



19, 20.941, 169.516

Inverse Universe

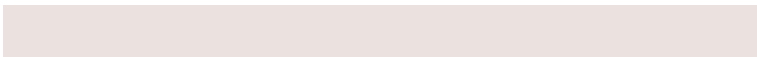
The Inverse Universe completely reimagines the original color for something new.



90, 4.608, 359.857



96, 5.795, 359.964



90, 3.616, 43.059



47, 3.595, 0.032



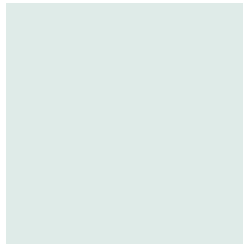
38, 69.596, 25.362



7, 27.831, 12.070

Previews

White Background



This preview shows how the CIELCh color 92, 4.521, 179.176 looks on a white background.

Color Contrast Check

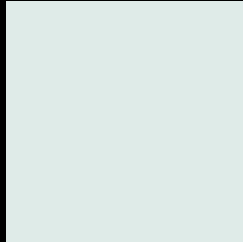
Large Text (above 18pt) WCAG AA × Fail

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, 4.521, 179.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

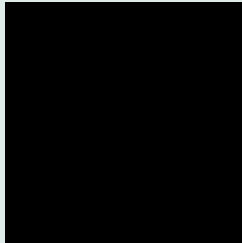
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

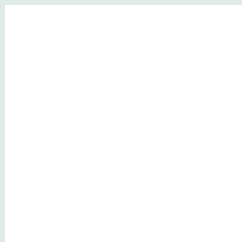
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.521, 179.176

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.521, 179.176.

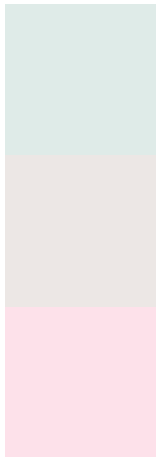


This preview shows how white text looks on a background with the CIELCh color 92, 4.521, 179.176.

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](#).

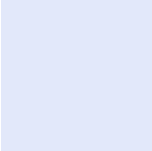
Dichromacy



Original Color
92, 4.521, 179.176

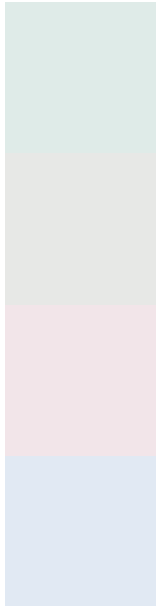
Protanopia
92, 2.054, 49.330

Deuteranopia
92, 11.113, 355.511



Tritanopia
92, 9.498, 278.458

Trichromacy



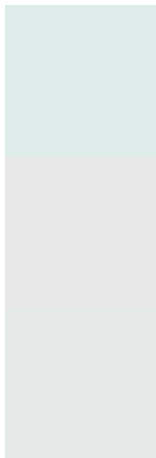
Original Color
92, 4.521, 179.176

Protanomaly
92, 1.087, 129.153

Deuteranomaly
92, 5.108, 355.823

Tritanomaly
92, 5.822, 262.229

Monochromacy



Original Color
92, 4.521, 179.176

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.511, 179.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.521, 179.176 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(223, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 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(223, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.521, 179.176 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(223, 235, 232) }
```

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

```
.border{ border-color:rgb(223, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.521, 179.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 232) }
```

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

```
.background{ background-color: rgb(223,  
235, 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](#).

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