

Converting Colors

CIELCh(92, 4.402, 199.251)

Have a look what the booklet for
CIELCh(92, 4.402, 199.251) contains.

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Color

CIELCh(92, 4.548, 199.236)

Conversions

Conversions Part 1

Format	Color
Hex	DEEBEB
RGB	222, 235, 235
RGB Percent	87%, 92%, 92%
CMY	0.1306, 0.0796, 0.0796
CMYK	0.06, 0.00, 0.00, 0.08
HSL	180°, 24%, 89%
HSV	180°, 6%, 92%
XYZ	74.6039, 80.7044, 90.0118
YIQ	231.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

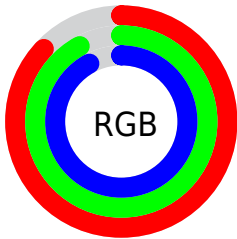
Format	Color
R _{YB}	222, 229, 235
Decimal	14609387
CIE Lab	92.00, -4.29, -1.50
CIE LCh	92, 4.548, 199.236
Yxy	80.7044, 0.3041, 0.3290
Android (android.graphics.Color)	4292799467 (0xFFDEEBEB)
YUV	231.1130, 1.9163, -7.9921
Hunter-Lab	89.8356, -8.9772, 3.4787

Details

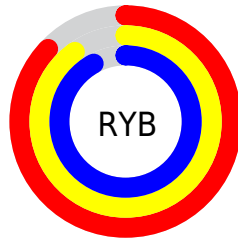
The CIELCh color **92, 4.548, 199.236** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 4.711, 19.591**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.406, 199.157** is the 20% darker color. If you saturate the color by 10%, you get **90, 12.431, 198.598**, and if you desaturate by 10%, it is **94, 3.744, 19.472**.

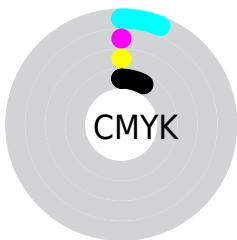
Distribution



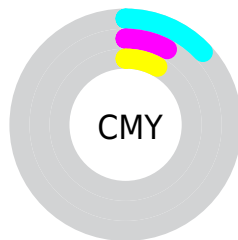
- Red (87%)
- Green (92%)
- Blue (92%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.548, 199.236 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, 4.548, 199.236 by changing the saturation by 10% instead.

 92, 4.548, 199.236

 92, 4.548, 199.236

 100, 4.548,
199.236

 82, 4.548, 199.236

 72, 4.548, 199.236

 62, 4.548, 199.236

 52, 4.548, 199.236

 42, 4.548, 199.236

 32, 4.548, 199.236

 22, 4.548, 199.236

 12, 4.548, 199.236

 2, 4.548, 199.236

92, 4.548, 199.236

92, 4.548, 199.236

90, 12.431,
198.598

94, 3.744, 19.472

89, 19.771,
198.096

95, 7.311, 19.782

88, 26.436,
197.656

95, 7.311, 19.756

87, 32.292,
197.278

95, 7.311, 19.705

86, 37.223,
196.965

95, 7.311, 19.679


85, 41.147,
196.718

95, 7.311, 19.628

85, 44.028,
196.538

95, 7.311, 19.602

85, 45.891,
196.421

 85, 46.838,
196.360

Harmonies

Complementary

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



92, 4.548, 199.236



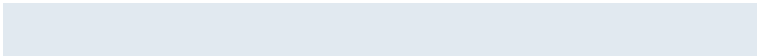
89, 4.711, 19.591

Rectangle

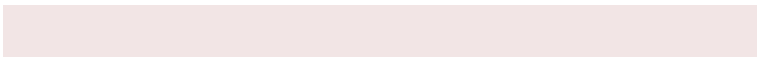
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



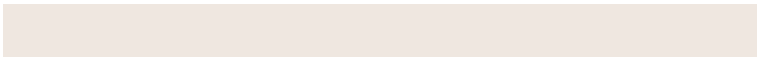
92, 4.548, 199.236



92, 4.548, 249.236



92, 4.548, 19.236



92, 4.548, 69.236

Sweetspot

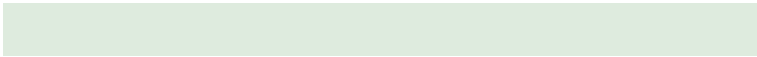
The Sweet Spot groups the original color and five complimentary colors.



92, 4.549, 199.212



100, 1.770, 199.644



92, 8.166, 143.724



53, 1.006, 199.669



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

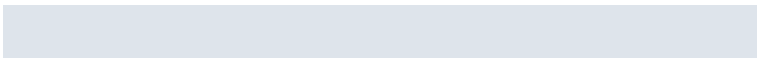
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 4.549, 199.212



99, 6.127, 199.102



90, 3.991, 254.388



49, 3.713, 199.065



67, 38.760, 196.344



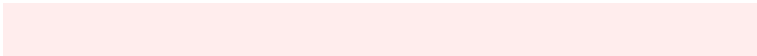
19, 16.597, 196.350

Inverse Universe

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



89, 4.711, 19.591



95, 6.404, 19.719



91, 4.037, 72.824



46, 3.895, 19.763



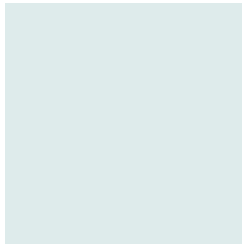
38, 80.835, 39.975



7, 28.534, 22.704

Previews

White Background



This preview shows how the CIE LCh color 92, 4.548, 199.236 looks on a white background.

Color Contrast Check

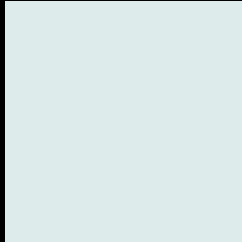
Large Text (above 18pt) WCAG AA × Fail

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, 4.548, 199.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

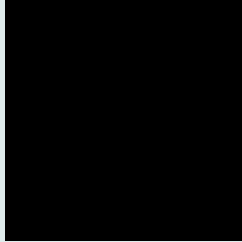
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

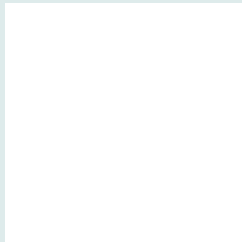
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.548, 199.236

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.548, 199.236.

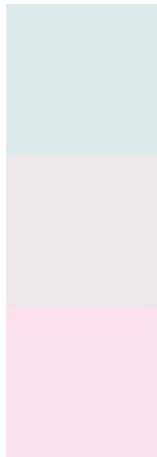


This preview shows how white text looks on a background with the CIELCh color 92, 4.548, 199.236.

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, 4.548, 199.236

Protanopia

92, 1.865, 3.132

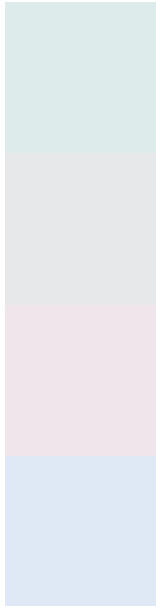
Deuteranopia

92, 11.508, 347.671



Tritanopia
92, 10.149, 275.402

Trichromacy



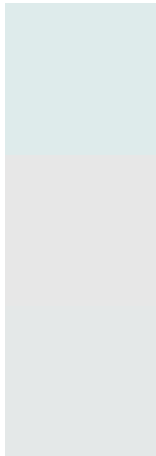
Original Color
92, 4.548, 199.236

Protanomaly
92, 0.630, 256.176

Deuteranomaly
92, 5.628, 339.722

Tritanomaly
92, 7.038, 261.431

Monochromacy



Original Color
92, 4.548, 199.236

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.414, 199.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.548, 199.236 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(222, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 235, 235)  
}
```

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(222, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 235, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.548, 199.236 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(222, 235, 235) }
```

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

```
.border{ border-color:rgb(222, 235, 235) }
```

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

Here you see how a box with a 4 pixel rgb(222, 235, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 235,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.548, 199.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 235, 235) }
```

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

```
.background{ background-color: rgb(222,  
235, 235) }
```

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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