

Converting Colors

CIELCh(92, 5.885, 194.810)

Have a look what the booklet for
CIELCh(92, 5.885, 194.810) contains.

CIELCh(92, 5.961, 194.125)	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, 5.961, 194.125)

Conversions

Conversions Part 1

Format	Color
Hex	DBECEB
RGB	219, 236, 235
RGB Percent	86%, 93%, 92%
CMY	0.1429, 0.0762, 0.0801
CMYK	0.07, 0.00, 0.00, 0.08
HSL	176°, 30%, 89%
HSV	176°, 7%, 92%
XYZ	73.8848, 80.7044, 89.9490
YIQ	230.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

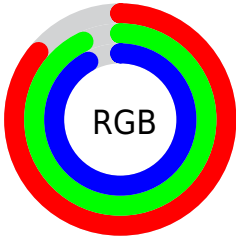
Format	Color
R_{YB}	219, 228, 236
Decimal	14413035
CIE _{Lab}	92.00, -5.78, -1.45
CIE _{LCh}	92, 5.961, 194.125
Y _{xy}	80.7044, 0.3021, 0.3300
Android (android.graphics.Color)	4292603115 (0xFFDBECEB)
YUV	230.8030, 2.0691, -10.3512
Hunter-Lab	89.8356, -10.4060, 3.5201

Details

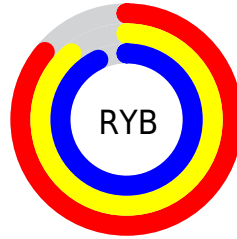
The CIELCh color **92, 5.961, 194.125** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 6.210, 14.954**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.888, 193.691** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.894, 193.362**, and if you desaturate by 10%, it is **94, 2.347, 14.438**.

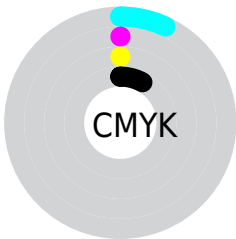
Distribution



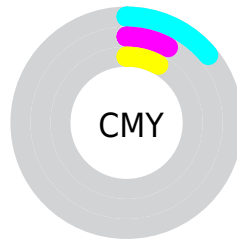
- Red (86%)
- Green (93%)
- Blue (92%)



- Red (86%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.961, 194.125 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, 5.961, 194.125 by changing the saturation by 10% instead.

 92, 5.961, 194.125

 92, 5.961, 194.125

 100, 5.961,
194.125

 82, 5.961, 194.125

 72, 5.961, 194.125

 62, 5.961, 194.125

 52, 5.961, 194.125

 42, 5.961, 194.125

 32, 5.961, 194.125

 22, 5.961, 194.125

 12, 5.961, 194.125

 2, 5.961, 194.125

92, 5.961, 194.125

92, 5.961, 194.125

90, 13.894,
193.362

94, 2.347, 14.438

89, 21.317,
192.668

95, 7.035, 12.378

88, 28.091,
191.993

95, 7.153, 6.719

87, 34.079,
191.328

95, 7.339, 1.296

86, 39.159,
190.666

95, 7.589, 356.189

85, 43.241,
189.998

95, 7.896, 351.447


85, 46.285,
189.312

95, 8.254, 347.092

85, 48.315,
188.594

95, 8.657, 343.125

95, 9.098, 339.532

 85, 49.449,
187.831

Harmonies

Complementary

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



92, 5.961, 194.125



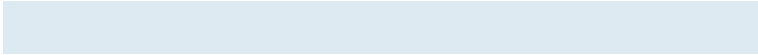
89, 6.210, 14.954

Rectangle

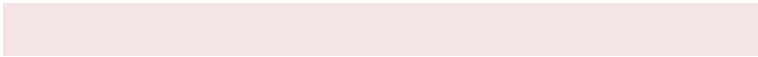
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



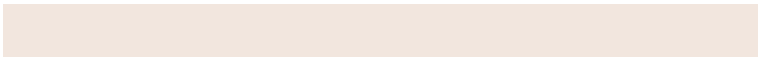
92, 5.961, 194.125



92, 5.961, 244.125



92, 5.961, 14.125



92, 5.961, 64.125

Sweetspot

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



92, 5.962, 194.108



100, 1.779, 194.733



92, 10.513, 142.285



53, 1.011, 194.759



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

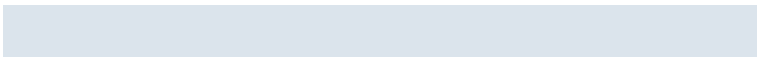
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.962, 194.108



98, 7.900, 193.961



90, 5.042, 248.815



48, 4.656, 193.928



67, 40.753, 187.754



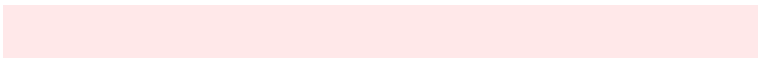
19, 17.306, 188.961

Inverse Universe

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



89, 6.210, 14.954



94, 8.314, 15.124



90, 5.161, 66.984



46, 4.912, 15.164



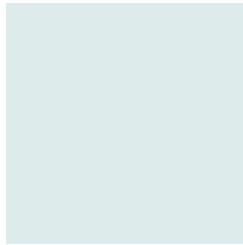
38, 78.370, 37.636



7, 28.293, 20.314

Previews

White Background



This preview shows how the CIELCh color 92, 5.961, 194.125 looks on a white background.

Color Contrast Check

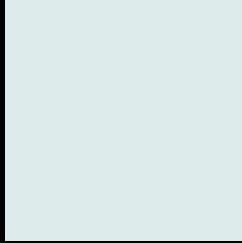
Large Text (above 18pt) WCAG AA × Fail

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, 5.961, 194.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

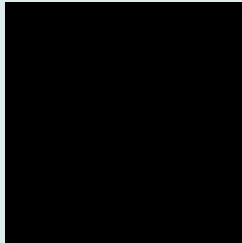
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

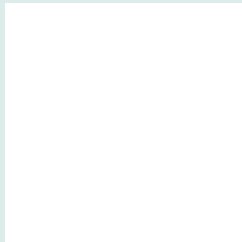
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.961, 194.125

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.961, 194.125.

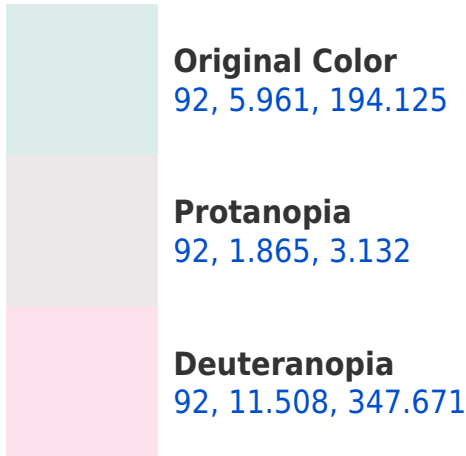


This preview shows how white text looks on a background with the CIELCh color 92, 5.961, 194.125.

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](#).

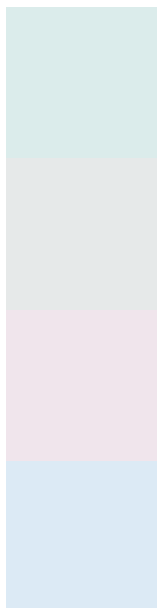
Dichromacy





Tritanopia
92, 10.080, 267.097

Trichromacy



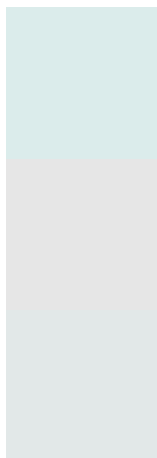
Original Color
92, 5.961, 194.125

Protanomaly
92, 1.060, 199.917

Deuteranomaly
92, 5.361, 337.233

Tritanomaly
92, 7.365, 249.972

Monochromacy



Original Color
92, 5.961, 194.125

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 2.118, 199.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.961, 194.125 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(219, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 236, 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(219, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 236, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.961, 194.125 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(219, 236, 235) }
```

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

```
.border{ border-color:rgb(219, 236, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 236,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.961, 194.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 236, 235) }
```

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

```
.background{ background-color: rgb(219,  
236, 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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