

Converting Colors

CIELCh(92, 6.174, 197.673)

Have a look what the booklet for
CIELCh(92, 6.174, 197.673) contains.

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Color

CIELCh(92, 6.303, 194.365)

Conversions

Conversions Part 1

Format	Color
Hex	DAECEB
RGB	218, 236, 235
RGB Percent	85%, 93%, 92%
CMY	0.1460, 0.0754, 0.0794
CMYK	0.08, 0.00, 0.00, 0.08
HSL	177°, 32%, 89%
HSV	177°, 8%, 92%
XYZ	73.7282, 80.7044, 90.1059
YIQ	230.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

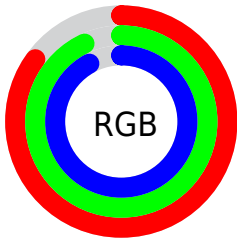
Format	Color
R _Y B	218, 227, 236
Decimal	14347499
CIE Lab	92.00, -6.11, -1.56
CIE LCh	92, 6.303, 194.365
Yxy	80.7044, 0.3015, 0.3300
Android (android.graphics.Color)	4292537579 (0xFFDAECEB)
YUV	230.5040, 2.2165, -10.9660
Hunter-Lab	89.8356, -10.7173, 3.4166

Details

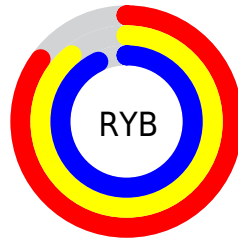
The CIELCh color **92, 6.303, 194.365** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 6.584, 15.258**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.244, 193.959** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.215, 193.616**, and if you desaturate by 10%, it is **94, 1.993, 14.631**.

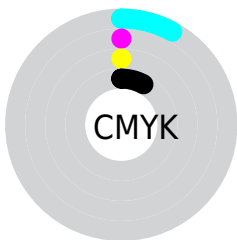
Distribution



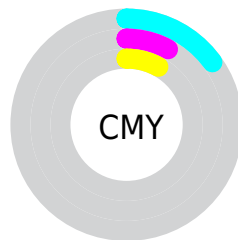
- Red (85%)
- Green (93%)
- Blue (92%)



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



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



- Cyan (15%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.303, 194.365 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, 6.303, 194.365 by changing the saturation by 10% instead.

■ 92, 6.303, 194.365

■ 92, 6.303, 194.365

■ 100, 6.303,
194.365

■ 82, 6.303, 194.365

■ 72, 6.303, 194.365

■ 62, 6.303, 194.365

■ 52, 6.303, 194.365

■ 42, 6.303, 194.365

■ 32, 6.303, 194.365

■ 22, 6.303, 194.365

■ 12, 6.303, 194.365

■ 2, 6.303, 194.365

92, 6.303, 194.365

92, 6.303, 194.365

90, 14.215,
193.616

94, 1.993, 14.631

89, 21.607,
192.933

95, 6.955, 12.931

88, 28.342,
192.271

95, 7.058, 7.505

87, 34.281,
191.621

95, 7.224, 2.283

86, 39.305,
190.977

95, 7.448, 357.337

85, 43.325,
190.331

95, 7.725, 352.716


85, 46.306,
189.670

95, 8.050, 348.446

85, 48.275,
188.981

95, 8.417, 344.531

95, 8.821, 340.963

 85, 49.358,
188.252

Harmonies

Complementary

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



92, 6.303, 194.365



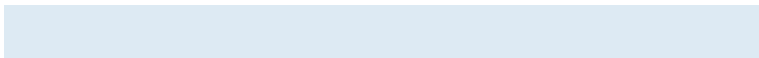
88, 6.584, 15.258

Rectangle

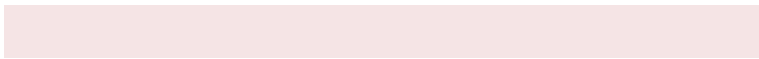
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 6.303, 194.365



92, 6.303, 244.365



92, 6.303, 14.365



92, 6.303, 64.365

Sweetspot

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



92, 6.304, 194.349



100, 1.778, 195.005



92, 11.136, 142.259



53, 1.011, 195.031



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

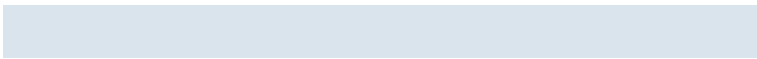
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 6.304, 194.349



98, 7.895, 194.238



90, 5.336, 248.863



48, 4.653, 194.205



67, 40.623, 188.209



19, 17.261, 189.356

Inverse Universe

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



88, 6.584, 15.258



94, 8.312, 15.388



90, 5.472, 66.942



46, 4.911, 15.428



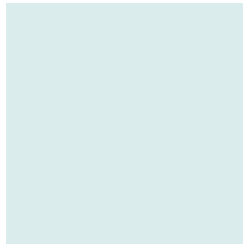
38, 78.495, 37.761



7, 28.306, 20.448

Previews

White Background



This preview shows how the CIELCh color 92, 6.303, 194.365 looks on a white background.

Color Contrast Check

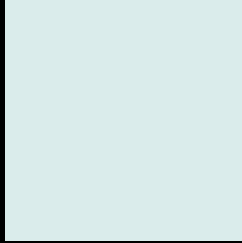
Large Text (above 18pt) WCAG AA × Fail

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, 6.303, 194.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

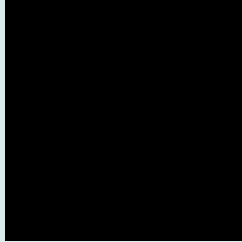
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

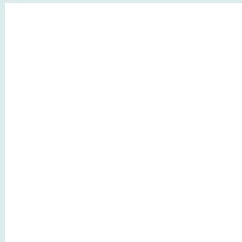
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.303, 194.365

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.303, 194.365.

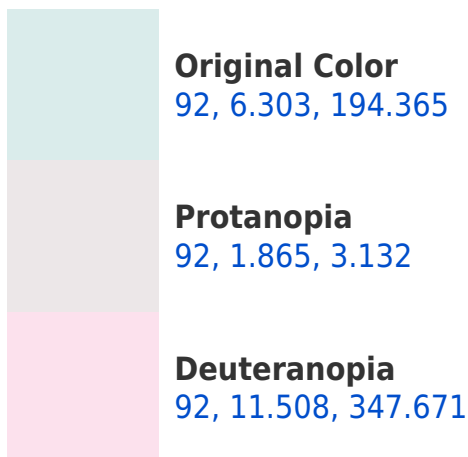


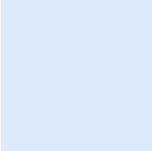
This preview shows how white text looks on a background with the CIELCh color 92, 6.303, 194.365.

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](#).

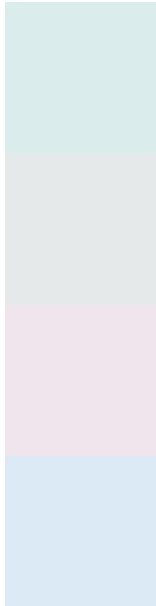
Dichromacy





Tritanopia
92, 10.551, 268.308

Trichromacy



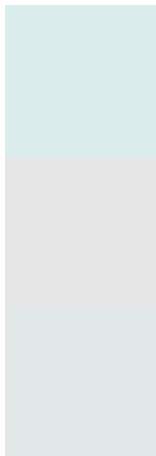
Original Color
92, 6.303, 194.365

Protanomaly
92, 1.413, 199.747

Deuteranomaly
92, 5.361, 337.233

Tritanomaly
92, 7.758, 252.545

Monochromacy



Original Color
92, 6.303, 194.365

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, 6.303, 194.365 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(218, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 236, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.303, 194.365 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(218, 236, 235) }
```

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

```
.border{ border-color:rgb(218, 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(218, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 236,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.303, 194.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 236, 235) }
```

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

```
.background{ background-color: rgb(218,  
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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