

Converting Colors

CIELCh(92, 6.272, 198.995)

Have a look what the booklet for
CIELCh(92, 6.272, 198.995) contains.

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Color

CIELCh(92, 6.261, 199.085)

Conversions

Conversions Part 1

Format	Color
Hex	DAECEC
RGB	218, 236, 236
RGB Percent	85%, 93%, 93%
CMY	0.1463, 0.0757, 0.0757
CMYK	0.08, 0.00, 0.00, 0.08
HSL	180°, 32%, 89%
HSV	180°, 8%, 92%
XYZ	73.8192, 80.7044, 90.8036
YIQ	230.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

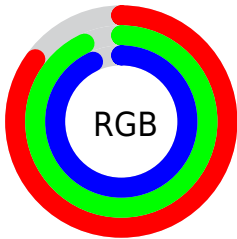
Format	Color
RYB	218, 227, 236
Decimal	14347500
CIELab	92.00, -5.92, -2.05
CIELCh	92, 6.261, 199.085
Yxy	80.7044, 0.3009, 0.3290
Android (android.graphics.Color)	4292537580 (0xFFDAECEC)
YUV	230.6180, 2.6533, -11.0660
Hunter-Lab	89.8356, -10.5363, 2.9561

Details

The CIELCh color `92, 6.261, 199.085` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `88, 6.571, 19.775`, 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, 6.195, 198.979` is the 20% darker color. If you saturate the color by 10%, you get `90, 14.067, 198.494`, and if you desaturate by 10%, it is `94, 1.982, 19.209`.

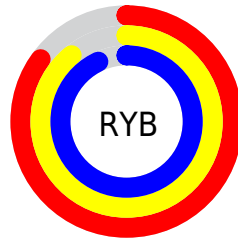
Distribution



Red (85%)

Green (93%)

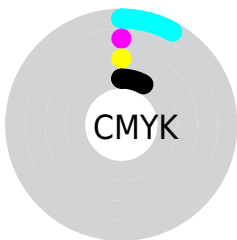
Blue (93%)



Red (85%)

Yellow (89%)

Blue (93%)

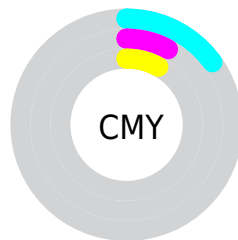


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.261, 199.085 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, 6.261, 199.085 by changing the saturation by 10% instead.

■ 92, 6.261, 199.085

■ 92, 6.261, 199.085

■ 100, 6.261,
199.085

■ 82, 6.261, 199.085

■ 72, 6.261, 199.085

■ 62, 6.261, 199.085

■ 52, 6.261, 199.085

■ 42, 6.261, 199.085

■ 32, 6.261, 199.085

■ 22, 6.261, 199.085

■ 12, 6.261, 199.085

■ 2, 6.261, 199.085

92, 6.261, 199.085

92, 6.261, 199.085

90, 14.067,
198.494

94, 1.982, 19.209

89, 21.302,
198.006

95, 6.944, 19.764

88, 27.829,
197.579

95, 6.944, 19.745

87, 33.518,
197.215

95, 6.944, 19.726

86, 38.258,
196.916

95, 6.944, 19.707

86, 41.975,
196.684

95, 6.944, 19.688

85, 44.644,
196.519

95, 6.944, 19.669

85, 46.308,
196.415

95, 6.944, 19.649

95, 6.944, 19.630

■ 85, 47.097,
196.365

Harmonies

Complementary

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



92, 6.261, 199.085



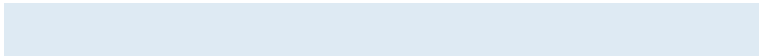
88, 6.571, 19.775

Rectangle

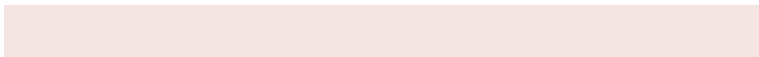
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 6.261, 199.085



92, 6.261, 249.085



92, 6.261, 19.085



92, 6.261, 69.085

Sweetspot

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



92, 6.262, 199.068



100, 1.770, 199.651



92, 11.319, 143.589



53, 1.006, 199.676



0, 0.000, 0.000



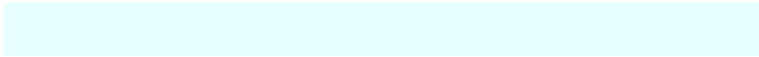
53, 0.007, 296.813

Same Dimension

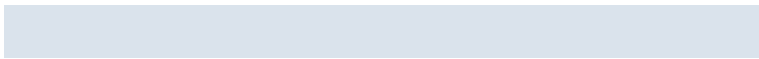
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 6.262, 199.068



98, 7.839, 198.978



90, 5.512, 254.638



48, 4.619, 198.951



67, 38.757, 196.357



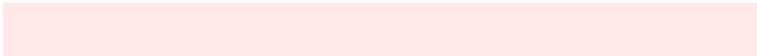
19, 16.596, 196.361

Inverse Universe

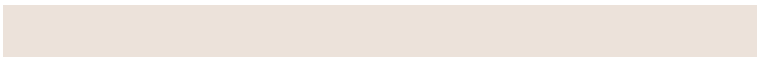
The Inverse Universe completely reimagines the original color for something new.



88, 6.571, 19.775



94, 8.300, 19.887



91, 5.617, 72.600



46, 4.905, 19.921



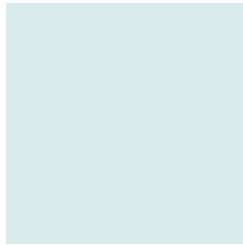
38, 80.838, 39.978



7, 28.534, 22.707

Previews

White Background



This preview shows how the CIELCh color 92, 6.261, 199.085 looks on a white background.

Color Contrast Check

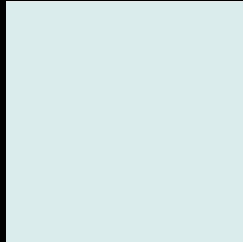
Large Text (above 18pt) WCAG AA × Fail

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, 6.261, 199.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

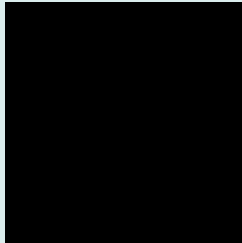
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

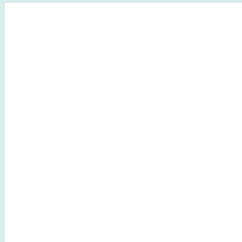
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.261, 199.085

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.261, 199.085.

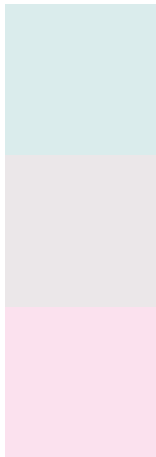


This preview shows how white text looks on a background with the CIELCh color 92, 6.261, 199.085.

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, 6.261, 199.085

Protanopia

92, 1.775, 343.532

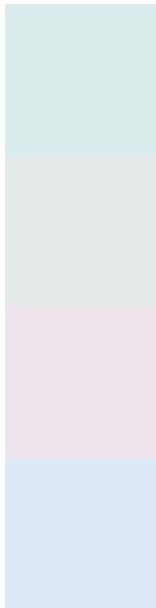
Deuteranopia

92, 11.492, 344.487



Tritanopia
92, 10.676, 266.637

Trichromacy



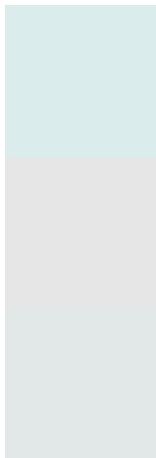
Original Color
92, 6.261, 199.085

Protanomaly
92, 1.498, 219.934

Deuteranomaly
92, 5.485, 330.724

Tritanomaly
92, 7.963, 250.599

Monochromacy



Original Color
92, 6.261, 199.085

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, 6.261, 199.085 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 236, 236)  
}
```

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, 236) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 92, 6.261, 199.085 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, 236) }
```

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

```
.border{ border-color:rgb(218, 236, 236) }
```

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, 236)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 92, 6.261, 199.085 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, 236) }
```

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

```
.background{ background-color: rgb(218,  
236, 236) }
```

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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