

Converting Colors

CIE LCh(92, 6.376, 206.395)

Have a look what the booklet for
CIELCh(92, 6.376, 206.395) contains.

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Color

CIELCh(92, 6.600, 203.566)

Conversions

Conversions Part 1

Format	Color
Hex	D9ECED
RGB	217, 236, 237
RGB Percent	85%, 93%, 93%
CMY	0.1498, 0.0753, 0.0713
CMYK	0.08, 0.00, 0.00, 0.07
HSL	183°, 35%, 89%
HSV	183°, 8%, 93%
XYZ	73.7553, 80.7044, 91.6623
YIQ	230.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

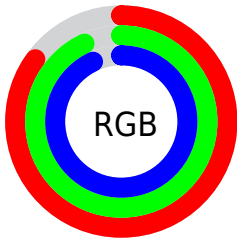
Format	Color
R_{YB}	217, 227, 237
Decimal	14281965
CIE _{Lab}	92.00, -6.05, -2.64
CIE _{LCh}	92, 6.600, 203.566
Yxy	80.7044, 0.2997, 0.3279
Android (android.graphics.Color)	4292472045 (0xFFD9ECED)
YUV	230.4330, 3.2375, -11.7807
Hunter-Lab	89.8356, -10.6634, 2.3894

Details

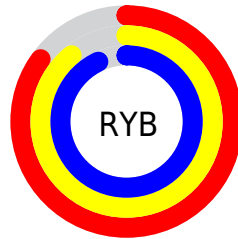
The CIELCh color **92, 6.600, 203.566** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 6.970, 24.070**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.545, 203.737** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.009, 203.178**, and if you desaturate by 10%, it is **94, 1.245, 23.327**.

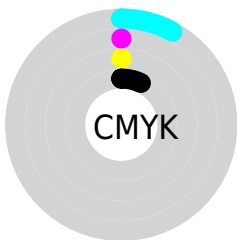
Distribution



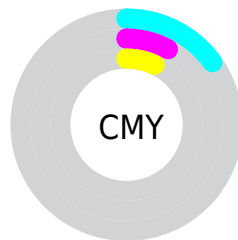
- Red (85%)
- Green (93%)
- Blue (93%)



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



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



- Cyan (15%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.600, 203.566 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, 6.600, 203.566 by changing the saturation by 10% instead.

■ 92, 6.600, 203.566

■ 92, 6.600, 203.566

■ 100, 6.600,
203.566

■ 82, 6.600, 203.566

■ 72, 6.600, 203.566

■ 62, 6.600, 203.566

■ 52, 6.600, 203.566

■ 42, 6.600, 203.566

■ 32, 6.600, 203.566

■ 22, 6.600, 203.566

■ 12, 6.600, 203.566

■ 2, 6.600, 203.566

92, 6.600, 203.566

92, 6.600, 203.566

90, 14.009,
203.178

94, 1.245, 23.327

89, 20.853,
202.917

95, 6.077, 26.282

96, 5.758, 32.690

87, 27.002,
202.755

96, 5.519, 39.746

86, 32.329,
202.704

96, 5.371, 47.309

97, 5.322, 55.148

85, 36.721,
202.781

97, 5.374, 62.976

84, 40.101,
203.003

97, 5.524, 70.511

97, 5.763, 77.526

83, 42.441,
203.387

82, 43.778,
203.944

■ 82, 44.261,
204.673

Harmonies

Complementary

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



92, 6.600, 203.566



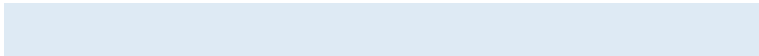
88, 6.970, 24.070

Rectangle

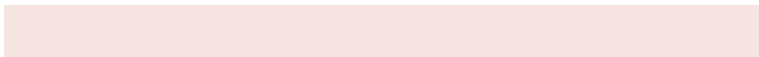
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



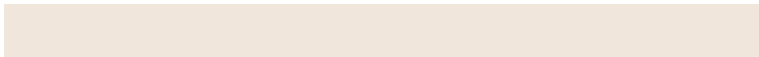
92, 6.600, 203.566



92, 6.600, 253.566



92, 6.600, 23.566



92, 6.600, 73.566

Sweetspot

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



92, 6.601, 203.549



99, 2.523, 203.918



92, 12.356, 144.865



53, 1.909, 203.832



0, 0.000, 0.000



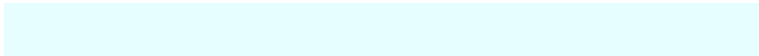
53, 0.007, 296.813

Same Dimension

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



92, 6.601, 203.549



98, 8.265, 203.479



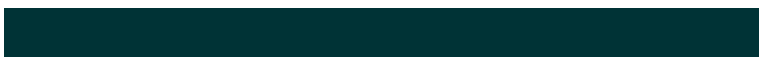
90, 6.369, 260.119



48, 4.395, 203.503



64, 36.269, 204.640



18, 15.669, 203.356

Inverse Universe

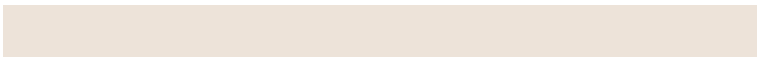
The Inverse Universe completely reimagines the original color for something new.



89, 12.239, 326.254



94, 15.403, 326.348



91, 6.464, 77.824



46, 8.176, 326.314



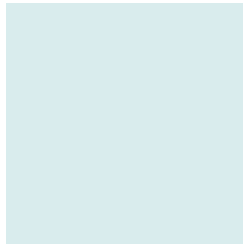
42, 85.945, 330.315



9, 37.014, 329.996

Previews

White Background



This preview shows how the CIELCh color 92, 6.600, 203.566 looks on a white background.

Color Contrast Check

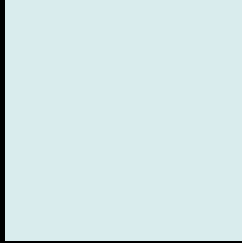
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 6.600, 203.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

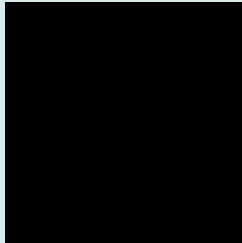
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

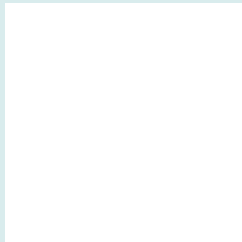
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.600, 203.566

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.600, 203.566.



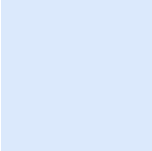
This preview shows how white text looks on a background with the CIELCh color 92, 6.600, 203.566.

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](#).

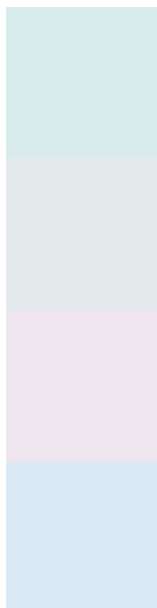
Dichromacy





Tritanopia
92, 10.810, 265.010

Trichromacy



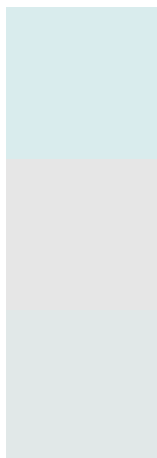
Original Color
92, 6.600, 203.566

Protanomaly
92, 2.030, 230.262

Deuteranomaly
92, 5.886, 327.460

Tritanomaly
92, 8.177, 248.757

Monochromacy



Original Color
92, 6.600, 203.566

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.468, 199.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.600, 203.566 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(217, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 237)  
}
```

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(217, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.600, 203.566 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(217, 236, 237) }
```

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

```
.border{ border-color:rgb(217, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 236,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.600, 203.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 237) }
```

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

```
.background{ background-color: rgb(217,  
236, 237) }
```

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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