

Converting Colors

CIELCh(92, 4.989, 203.594)

Have a look what the booklet for
CIELCh(92, 4.989, 203.594) contains.

CIELCh(92, 4.902, 205.270)	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, 4.902, 205.270)

Conversions

Conversions Part 1

Format	Color
Hex	DDEBEC
RGB	221, 235, 236
RGB Percent	87%, 92%, 93%
CMY	0.1340, 0.0791, 0.0752
CMYK	0.06, 0.00, 0.00, 0.08
HSL	184°, 28%, 90%
HSV	184°, 6%, 92%
XYZ	74.5366, 80.7044, 90.8694
YIQ	230.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

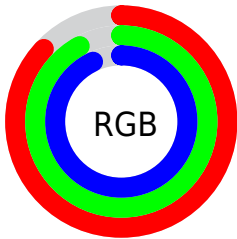
Format	Color
R _Y B	221, 228, 236
Decimal	14543852
CIE Lab	92.00, -4.43, -2.09
CIE LCh	92, 4.902, 205.270
Yxy	80.7044, 0.3029, 0.3279
Android (android.graphics.Color)	4292733932 (0xFFDDEBEC)
YUV	230.9280, 2.5005, -8.7069
Hunter-Lab	89.8356, -9.1110, 2.9127

Details

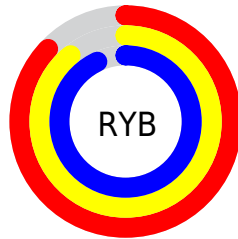
The CIELCh color **92, 4.902, 205.270** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 5.107, 25.443**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.777, 205.680** is the 20% darker color. If you saturate the color by 10%, you get **90, 12.269, 204.904**, and if you desaturate by 10%, it is **94, 2.871, 25.227**.

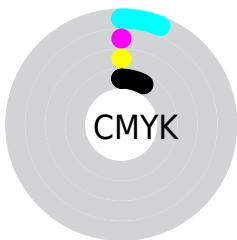
Distribution



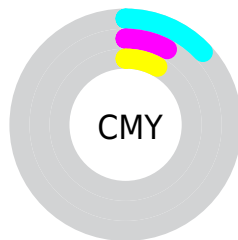
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- 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, 4.902, 205.270 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, 4.902, 205.270 by changing the saturation by 10% instead.

■ 92, 4.902, 205.270

■ 92, 4.902, 205.270

■ 100, 4.902,
205.270

■ 82, 4.902, 205.270

■ 72, 4.902, 205.270

■ 62, 4.902, 205.270

■ 52, 4.902, 205.270

■ 42, 4.902, 205.270

■ 32, 4.902, 205.270

■ 22, 4.902, 205.270

■ 12, 4.902, 205.270

■ 2, 4.902, 205.270

92, 4.902, 205.270

92, 4.902, 205.270

90, 12.269,
204.904

94, 2.871, 25.227

88, 19.108,
204.702

95, 6.217, 29.815

87, 25.292,
204.611

96, 5.865, 38.445

85, 30.692,
204.646

96, 5.625, 57.797

84, 35.194,
204.827

97, 5.754, 67.504

83, 38.709,
205.179

98, 6.460, 84.543

82, 41.196,
205.725

98, 6.991, 91.450

81, 42.677,
206.486

■ 81, 43.254,
207.476

Harmonies

Complementary

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



92, 4.902, 205.270



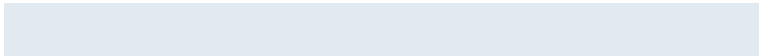
89, 5.107, 25.443

Rectangle

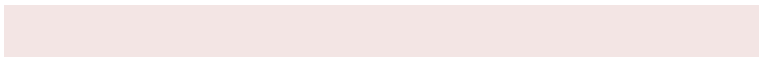
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



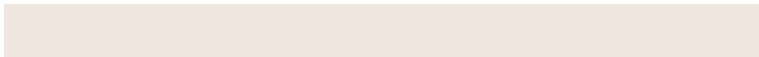
92, 4.902, 205.270



92, 4.902, 255.270



92, 4.902, 25.270



92, 4.902, 75.270

Sweetspot

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



92, 4.903, 205.246



100, 1.660, 205.656



92, 9.152, 145.468



53, 0.944, 205.681



0, 0.000, 0.000



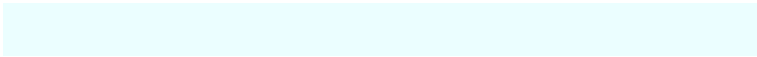
53, 0.007, 296.813

Same Dimension

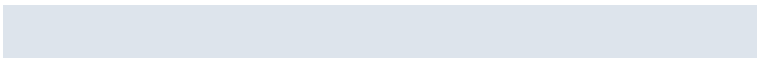
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 4.903, 205.246



98, 6.544, 205.171



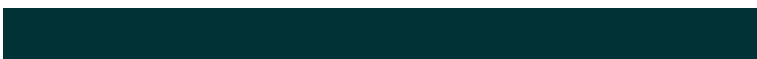
90, 4.855, 261.540



48, 4.327, 205.115



63, 35.597, 207.662



18, 15.407, 205.877

Inverse Universe

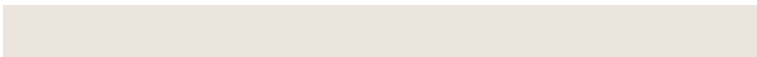
The Inverse Universe completely reimagines the original color for something new.



90, 9.069, 326.605



95, 12.169, 326.707



91, 4.893, 79.758



46, 8.083, 326.793



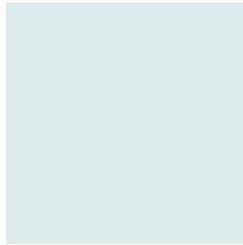
42, 84.834, 331.060



9, 36.605, 330.621

Previews

White Background



This preview shows how the CIELCh color 92, 4.902, 205.270 looks on a white background.

Color Contrast Check

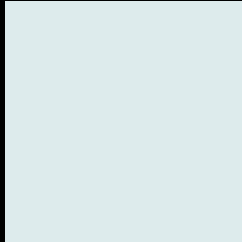
Large Text (above 18pt) WCAG AA × Fail

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, 4.902, 205.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

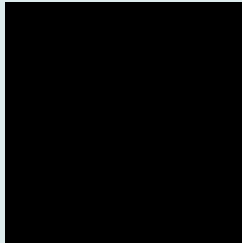
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

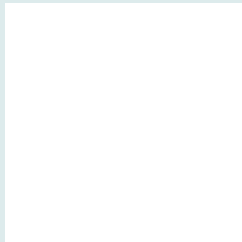
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.902, 205.270

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.902, 205.270.



This preview shows how white text looks on a background with the CIELCh color 92, 4.902, 205.270.

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](#).

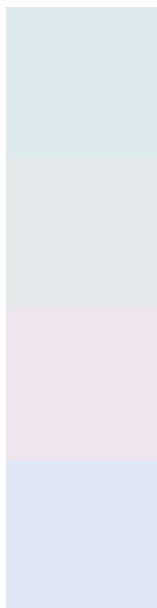
Dichromacy





Tritanopia
92, 10.237, 273.573

Trichromacy



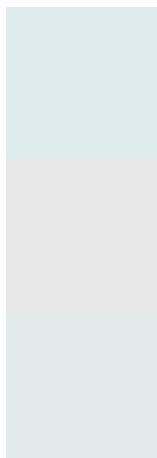
Original Color
92, 4.902, 205.270

Protanomaly
92, 1.251, 255.957

Deuteranomaly
92, 5.724, 333.444

Tritanomaly
92, 7.203, 259.041

Monochromacy



Original Color
92, 4.902, 205.270

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.832, 216.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.902, 205.270 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(221, 235, 236)` looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 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(221, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.902, 205.270 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(221, 235, 236) }
```

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

```
.border{ border-color:rgb(221, 235, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 235, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(221, 235,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.902, 205.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 235, 236) }
```

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

```
.background{ background-color: rgb(221,  
235, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor