

Converting Colors

CIELCh(93, 5.687, 202.442)

Have a look what the booklet for
CIELCh(93, 5.687, 202.442) contains.

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Color

CIELCh(93, 5.573, 204.473)

Conversions

Conversions Part 1

Format	Color
Hex	DEEEEE
RGB	222, 238, 239
RGB Percent	87%, 93%, 94%
CMY	0.1291, 0.0664, 0.0625
CMYK	0.07, 0.00, 0.00, 0.06
HSL	184°, 35%, 90%
HSV	184°, 7%, 94%
XYZ	76.3311, 82.9670, 93.7074
YIQ	233.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

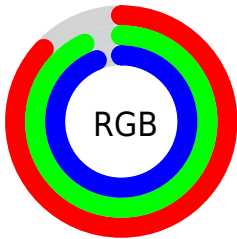
Format	Color
R_{YB}	222, 230, 239
Decimal	14610159
CIE _{Lab}	93.00, -5.07, -2.31
CIE _{LCh}	93, 5.573, 204.473
Yxy	82.9670, 0.3017, 0.3279
Android (android.graphics.Color)	4292800239 (0xFFDEEEEF)
YUV	233.3300, 2.7953, -9.9364
Hunter-Lab	91.0862, -9.8163, 2.7642

Details

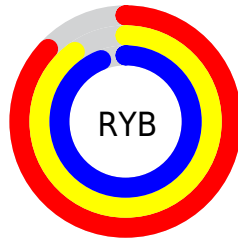
The CIELCh color **93, 5.573, 204.473** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.834, 24.775**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.474, 204.764** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.041, 204.094**, and if you desaturate by 10%, it is **95, 2.317, 24.418**.

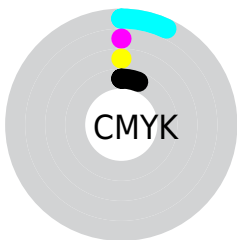
Distribution



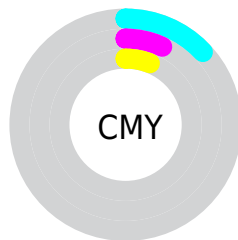
- Red (87%)
- Green (93%)
- Blue (94%)



- Red (87%)
- Yellow (90%)
- Blue (94%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.573, 204.473 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 93, 5.573, 204.473 by changing the saturation by 10% instead.

■ 93, 5.573, 204.473

■ 93, 5.573, 204.473

■ 100, 5.573,
204.473

■ 83, 5.573, 204.473

■ 73, 5.573, 204.473

■ 63, 5.573, 204.473

■ 53, 5.573, 204.473

■ 43, 5.573, 204.473

■ 33, 5.573, 204.473

■ 23, 5.573, 204.473

■ 13, 5.573, 204.473

■ 3, 5.573, 204.473

93, 5.573, 204.473

93, 5.573, 204.473

91, 13.041,
204.094

95, 2.317, 24.418

89, 19.962,
203.862

96, 5.128, 29.959

88, 26.204,
203.735

96, 4.823, 39.370

86, 31.639,
203.727

97, 4.664, 49.720

85, 36.151,
203.857

97, 4.666, 60.415

84, 39.654,
204.145

98, 4.827, 70.732

83, 42.113,
204.612

98, 5.133, 80.090

83, 43.555,
205.275

98, 5.559, 88.193

99, 6.080, 95.017

■ 82, 44.096,
206.141

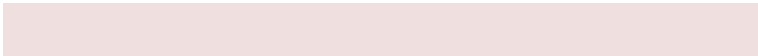
Harmonies

Complementary

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



93, 5.573, 204.473



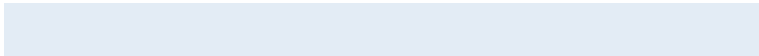
90, 5.834, 24.775

Rectangle

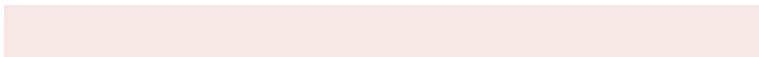
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



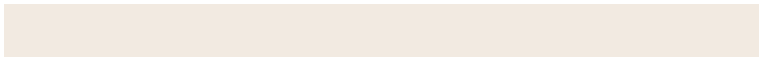
93, 5.573, 204.473



93, 5.573, 254.473



93, 5.573, 24.473



93, 5.573, 74.473

Sweetspot

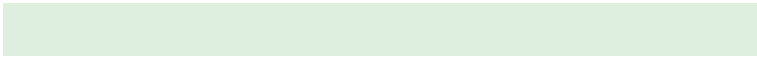
The Sweet Spot groups the original color and five complimentary colors.



93, 5.574, 204.452



100, 1.672, 204.912



93, 10.355, 145.418



53, 0.951, 204.936



0, 0.000, 0.000



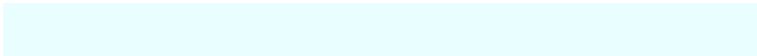
53, 0.007, 296.813

Same Dimension

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



93, 5.574, 204.452



98, 7.397, 204.367



91, 5.488, 261.637



49, 4.436, 204.349



64, 36.275, 206.233



19, 15.985, 204.763

Inverse Universe

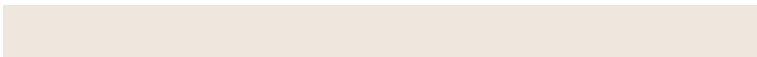
The Inverse Universe completely reimagines the original color for something new.



90, 10.315, 326.425



94, 13.772, 326.541



92, 5.542, 79.670



47, 8.271, 326.567



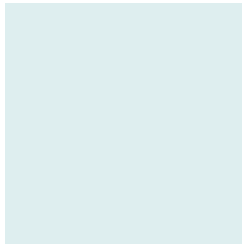
43, 86.243, 330.708



10, 37.890, 330.345

Previews

White Background



This preview shows how the CIELCh color 93, 5.573, 204.473 looks on a white background.

Color Contrast Check

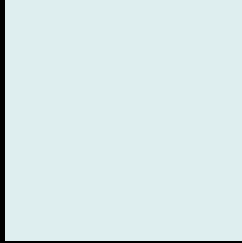
Large Text (above 18pt) WCAG AA × Fail

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 93, 5.573, 204.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

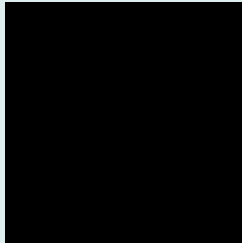
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

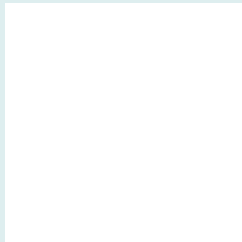
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.573, 204.473

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.573, 204.473.

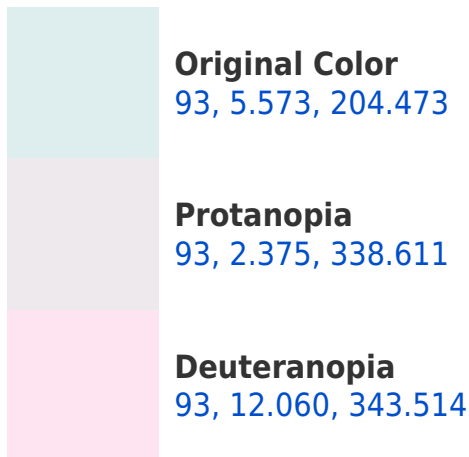


This preview shows how white text looks on a background with the CIELCh color 93, 5.573, 204.473.

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](#).

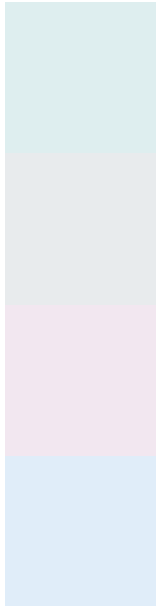
Dichromacy





Tritanopia
93, 9.934, 268.863

Trichromacy



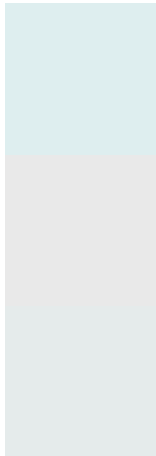
Original Color
93, 5.573, 204.473

Protanomaly
93, 1.471, 244.456

Deuteranomaly
93, 6.099, 330.122

Tritanomaly
93, 7.545, 254.581

Monochromacy



Original Color
93, 5.573, 204.473

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.113, 199.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.573, 204.473 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(222, 238, 239)` looks like.

```
.text, #text, p{  
    color:rgb(222, 238, 239)  
}
```

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(222, 238, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 238, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.573, 204.473 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(222, 238, 239) }
```

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

```
.border{ border-color:rgb(222, 238, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 238, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(222, 238,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.573, 204.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 238, 239) }
```

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

```
.background{ background-color: rgb(222,  
238, 239) }
```

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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