

Converting Colors

CIE LCh(93, 7.012, 203.319)

Have a look what the booklet for
CIELCh(93, 7.012, 203.319) contains.

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Color

CIELCh(93, 6.923, 203.325)

Conversions

Conversions Part 1

Format	Color
Hex	DBEFF0
RGB	219, 239, 240
RGB Percent	86%, 94%, 94%
CMY	0.1417, 0.0633, 0.0594
CMYK	0.09, 0.00, 0.00, 0.06
HSL	183°, 41%, 90%
HSV	183°, 9%, 94%
XYZ	75.6997, 82.9670, 94.3479
YIQ	233.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

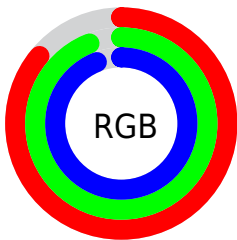
Format	Color
R _{YB}	219, 229, 240
Decimal	14413808
CIE Lab	93.00, -6.36, -2.74
CIE LCh	93, 6.923, 203.325
Yxy	82.9670, 0.2992, 0.3279
Android (android.graphics.Color)	4292603888 (0xFFDBEFF0)
YUV	233.1340, 3.3849, -12.3955
Hunter-Lab	91.0862, -11.0536, 2.3473

Details

The CIELCh color **93, 6.923, 203.325** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 7.326, 23.880**, 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, 6.879, 203.468** is the 20% darker color. If you saturate the color by 10%, you get **91, 14.410, 202.932**, and if you desaturate by 10%, it is **95, 1.010, 22.973**.

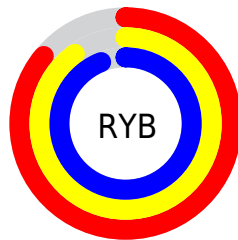
Distribution



Red (86%)

Green (94%)

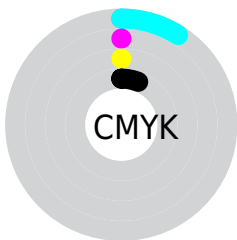
Blue (94%)



Red (86%)

Yellow (90%)

Blue (94%)

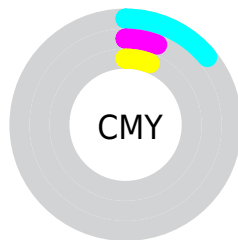


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.923, 203.325 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, 6.923, 203.325 by changing the saturation by 10% instead.

 93, 6.923, 203.325

 93, 6.923, 203.325

 100, 6.923,
203.325

 83, 6.923, 203.325

 73, 6.923, 203.325

 63, 6.923, 203.325

 53, 6.923, 203.325

 43, 6.923, 203.325

 33, 6.923, 203.325

 23, 6.923, 203.325

 13, 6.923, 203.325

 3, 6.923, 203.325

93, 6.923, 203.325

93, 6.923, 203.325

91, 14.410,
202.932

95, 1.010, 22.973

90, 21.321,
202.663

96, 4.991, 27.119

88, 27.524,
202.491

96, 4.701, 34.760

87, 32.889,
202.428

97, 4.506, 43.227

86, 37.304,
202.491

97, 4.416, 52.241

85, 40.693,
202.695

97, 4.440, 61.383

84, 43.029,
203.056

98, 4.574, 70.200

83, 44.354,
203.586

98, 4.809, 78.327

98, 5.131, 85.557

■ 83, 44.826,
204.278

Harmonies

Complementary

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



93, 6.923, 203.325



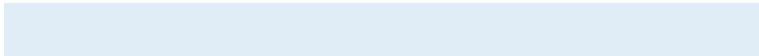
89, 7.326, 23.880

Rectangle

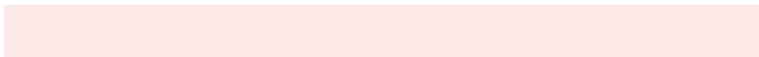
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



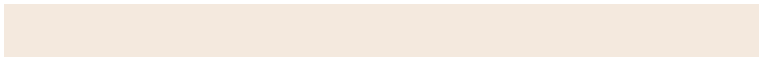
93, 6.923, 203.325



93, 6.923, 253.325



93, 6.923, 23.325



93, 6.923, 73.325

Sweetspot

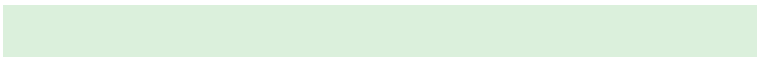
The Sweet Spot groups the original color and five complimentary colors.



93, 6.924, 203.309



99, 2.529, 203.697



93, 12.945, 144.844



53, 1.913, 203.610



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, 6.924, 203.309



98, 9.088, 203.209



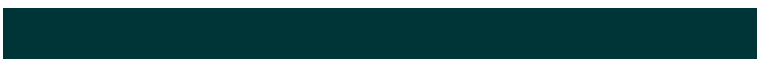
90, 6.671, 260.161



49, 4.483, 203.276



65, 36.750, 204.227



20, 16.173, 203.070

Inverse Universe

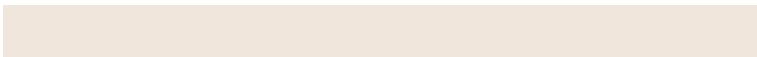
The Inverse Universe completely reimagines the original color for something new.



90, 12.842, 326.205



93, 16.981, 326.339



92, 6.775, 77.787



47, 8.335, 326.248



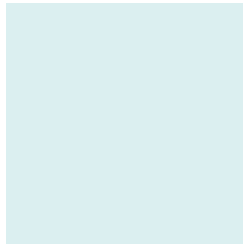
43, 87.001, 330.212



10, 38.177, 329.925

Previews

White Background



This preview shows how the CIELCh color 93, 6.923, 203.325 looks on a white background.

Color Contrast Check

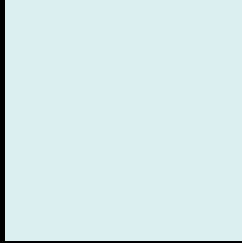
Large Text (above 18pt) WCAG AA × Fail

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 93, 6.923, 203.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

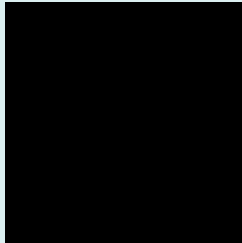
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

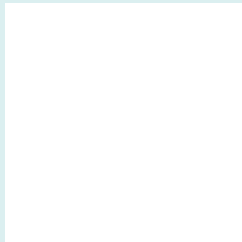
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.923, 203.325

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.923, 203.325.



This preview shows how white text looks on a background with the CIELCh color 93, 6.923, 203.325.

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](#).

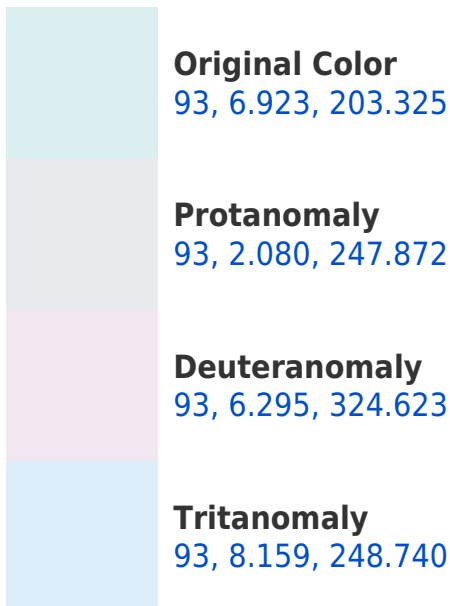
Dichromacy





Tritanopia
93, 10.786, 264.987

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.923, 203.325 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(219, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 239, 240)  
}
```

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(219, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 239, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.923, 203.325 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(219, 239, 240) }
```

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

```
.border{ border-color:rgb(219, 239, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 239, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 239,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.923, 203.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 239, 240) }
```

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

```
.background{ background-color: rgb(219,  
239, 240) }
```

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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