

Converting Colors

CIE LCh(93, 6.518, 164.119)

Have a look what the booklet for
CIELCh(93, 6.518, 164.119) contains.

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Color

CIELCh(93, 6.446, 165.024)

Conversions

Conversions Part 1

Format	Color
Hex	DFEEE7
RGB	223, 238, 231
RGB Percent	87%, 93%, 91%
CMY	0.1237, 0.0649, 0.0923
CMYK	0.06, 0.00, 0.03, 0.06
HSL	152°, 31%, 91%
HSV	152°, 6%, 94%
XYZ	75.7635, 82.9670, 87.9561
YIQ	232.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

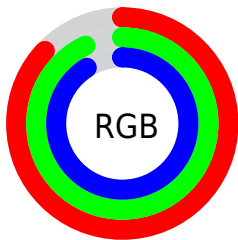
Format	Color
R _{YB}	223, 233, 238
Decimal	14675687
CIE Lab	93.00, -6.23, 1.67
CIE LCh	93, 6.446, 165.024
Yxy	82.9670, 0.3071, 0.3363
Android (android.graphics.Color)	4292865767 (0xFFDFEEE7)
YUV	232.7170, -0.8465, -8.5218
Hunter-Lab	91.0862, -10.9285, 6.5078

Details

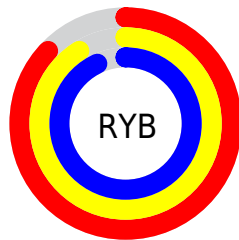
The CIELCh color **93, 6.446, 165.024** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 6.519, 345.943**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.480, 163.078** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.684, 164.053**, and if you desaturate by 10%, it is **95, 3.800, 345.652**.

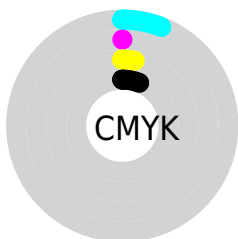
Distribution



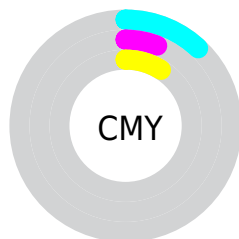
- Red (87%)
- Green (93%)
- Blue (91%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.446, 165.024 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, 6.446, 165.024 by changing the saturation by 10% instead.

93, 6.446, 165.024

93, 6.446, 165.024

100, 6.446,
165.024

83, 6.446, 165.024

73, 6.446, 165.024

63, 6.446, 165.024

53, 6.446, 165.024

43, 6.446, 165.024

33, 6.446, 165.024

23, 6.446, 165.024

13, 6.446, 165.024

3, 6.446, 165.024

93, 6.446, 165.024

93, 6.446, 165.024

91, 16.684,
164.053

95, 3.800, 345.652

90, 26.780,
163.025

96, 9.782, 326.944

88, 36.585,
161.882

96, 10.316,
324.770


87, 45.928,
160.599

86, 54.632,
159.147

85, 62.538,
157.504

84, 69.525,
155.649

84, 75.545,
153.577

 84, 80.645,
151.312

Harmonies

Complementary

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



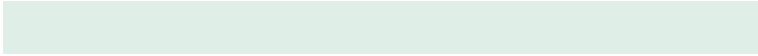
93, 6.446, 165.024



90, 6.519, 345.943

Rectangle

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



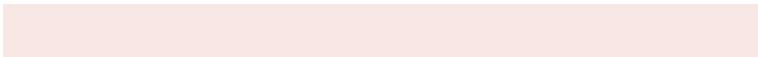
93, 6.446, 165.024



93, 6.446, 215.024



93, 6.446, 345.024



93, 6.446, 35.024

Sweetspot

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



93, 6.448, 165.017



100, 2.157, 165.542



93, 8.223, 129.393



53, 1.226, 165.563



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, 6.448, 165.017



98, 8.657, 164.848



93, 5.139, 200.627



49, 5.848, 164.709



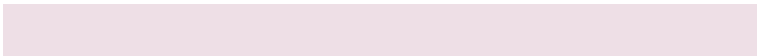
66, 67.168, 150.886



20, 27.267, 154.663

Inverse Universe

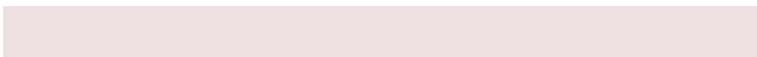
The Inverse Universe completely reimagines the original color for something new.



90, 6.519, 345.943



95, 8.769, 346.113



90, 5.348, 21.056



47, 5.935, 346.253



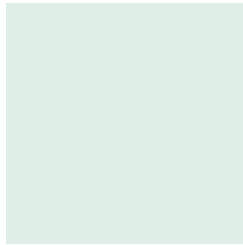
39, 65.988, 5.158



8, 29.172, 358.154

Previews

White Background



This preview shows how the CIELCh color 93, 6.446, 165.024 looks on a white background.

Color Contrast Check

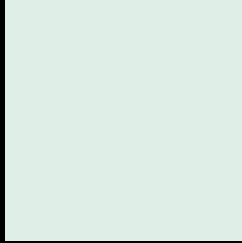
Large Text (above 18pt) WCAG AA × Fail

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, 6.446, 165.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

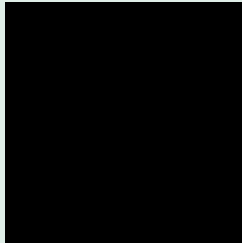
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

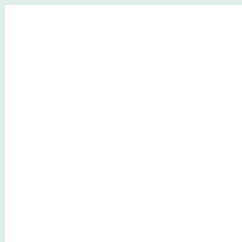
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.446, 165.024

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.446, 165.024.



This preview shows how white text looks on a background with the CIELCh color 93, 6.446, 165.024.

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](#).

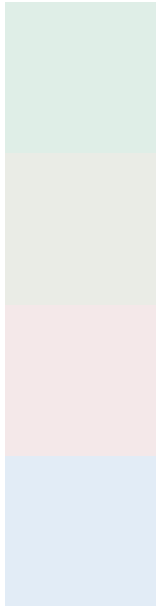
Dichromacy





Tritanopia
93, 10.125, 275.385

Trichromacy



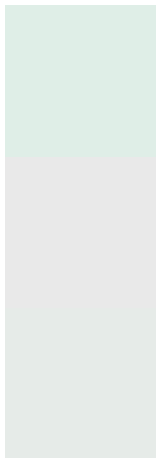
Original Color
93, 6.446, 165.024

Protanomaly
93, 3.168, 122.934

Deuteranomaly
93, 4.335, 12.751

Tritanomaly
93, 6.151, 256.542

Monochromacy



Original Color
93, 6.446, 165.024

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.361, 158.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.446, 165.024 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(223, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 238, 231)  
}
```

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(223, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 238, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.446, 165.024 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(223, 238, 231) }
```

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

```
.border{ border-color:rgb(223, 238, 231) }
```

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

Here you see how a box with a 4 pixel rgb(223, 238, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 238,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.446, 165.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 238, 231) }
```

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

```
.background{ background-color: rgb(223,  
238, 231) }
```

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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