

Converting Colors

CIELCh(93, 2.651, 178.487)

Have a look what the booklet for
CIELCh(93, 2.651, 178.487) contains.

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Color

CIELCh(93, 2.524, 187.691)

Conversions

Conversions Part 1

Format	Color
Hex	E5ECEB
RGB	229, 236, 235
RGB Percent	90%, 93%, 92%
CMY	0.1004, 0.0729, 0.0769
CMYK	0.03, 0.00, 0.00, 0.07
HSL	171°, 16%, 91%
HSV	171°, 3%, 93%
XYZ	77.6049, 82.9670, 90.8250
YIQ	233.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

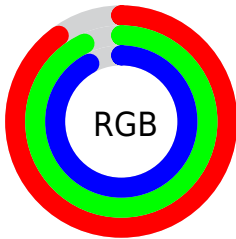
Format	Color
R _Y B	229, 233, 236
Decimal	15068395
CIE Lab	93.00, -2.50, -0.34
CIE LCh	93, 2.524, 187.691
Yxy	82.9670, 0.3087, 0.3300
Android (android.graphics.Color)	4293258475 (0xFFE5ECEB)
YUV	233.7930, 0.5951, -4.2035
Hunter-Lab	91.0862, -7.3201, 4.6404

Details

The CIELCh color **93, 2.524, 187.691** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 2.566, 7.687**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.294, 185.753** is the 20% darker color. If you saturate the color by 10%, you get **91, 10.884, 186.626**, and if you desaturate by 10%, it is **95, 6.079, 8.141**.

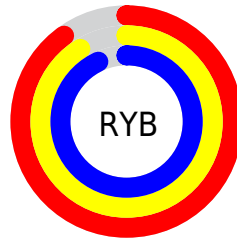
Distribution



Red (90%)

Green (93%)

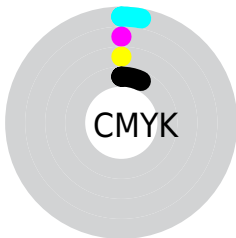
Blue (92%)



Red (90%)

Yellow (91%)

Blue (93%)

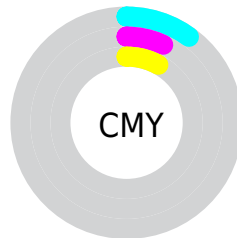


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.524, 187.691 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, 2.524, 187.691 by changing the saturation by 10% instead.

■ 93, 2.524, 187.691

■ 93, 2.524, 187.691

■ 100, 2.524,
187.691

■ 83, 2.524, 187.691

■ 73, 2.524, 187.691

■ 63, 2.524, 187.691

■ 53, 2.524, 187.691

■ 43, 2.524, 187.691

■ 33, 2.524, 187.691

■ 23, 2.524, 187.691

■ 13, 2.524, 187.691

■ 3, 2.524, 187.691

93, 2.524, 187.691

93, 2.524, 187.691

91, 10.884,
186.626

95, 6.079, 8.141

90, 18.873,
185.730

95, 7.273, 355.850

88, 26.354,
184.812

95, 8.124, 344.598

87, 33.181,
183.853

95, 10.512,
329.012

86, 39.214,
182.837

95, 11.600,
324.818

86, 44.334,
181.746

85, 48.461,
180.559

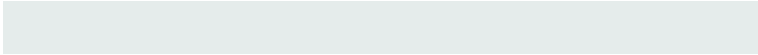
85, 51.577,
179.252

■ 84, 53.741,
177.810

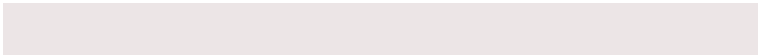
Harmonies

Complementary

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



93, 2.524, 187.691



92, 2.566, 7.687

Rectangle

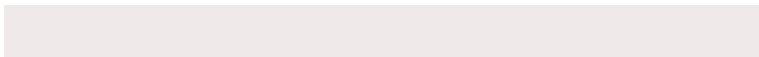
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



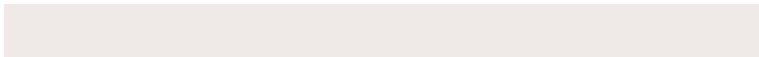
93, 2.524, 187.691



93, 2.524, 237.691



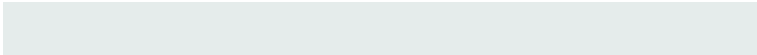
93, 2.524, 7.691



93, 2.524, 57.691

Sweetspot

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



93, 2.526, 187.653



100, 0.906, 188.277



93, 4.200, 140.206



53, 0.515, 188.317



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

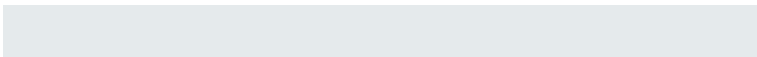
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.526, 187.653



99, 3.621, 187.504



92, 2.030, 238.293



49, 2.401, 187.418



66, 44.775, 177.015



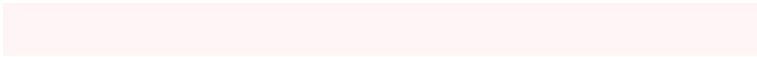
19, 18.699, 179.501

Inverse Universe

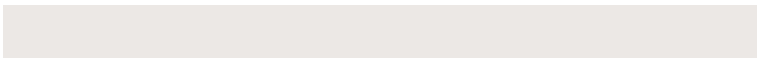
The Inverse Universe completely reimagines the original color for something new.



92, 2.566, 7.687



97, 3.694, 7.840



92, 2.048, 57.247



48, 2.457, 7.930



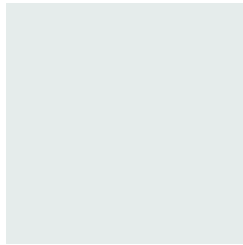
38, 74.549, 33.293



7, 28.030, 16.826

Previews

White Background



This preview shows how the CIELCh color 93, 2.524, 187.691 looks on a white background.

Color Contrast Check

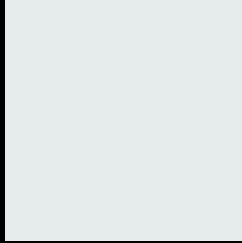
Large Text (above 18pt) WCAG AA × Fail

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, 2.524, 187.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

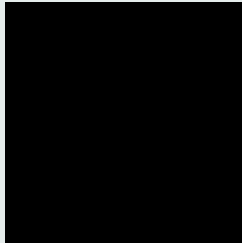
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

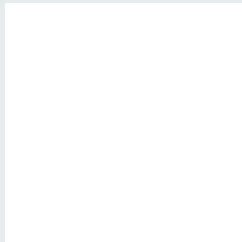
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.524, 187.691

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.524, 187.691.

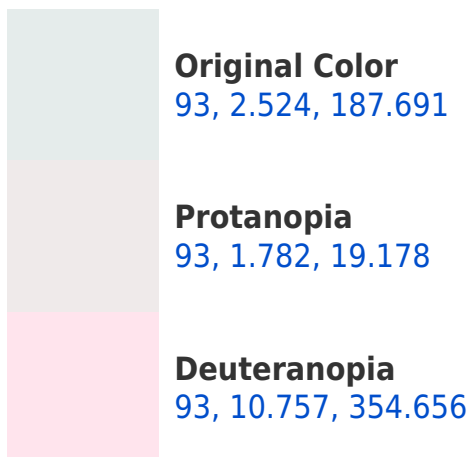


This preview shows how white text looks on a background with the CIELCh color 93, 2.524, 187.691.

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](#).

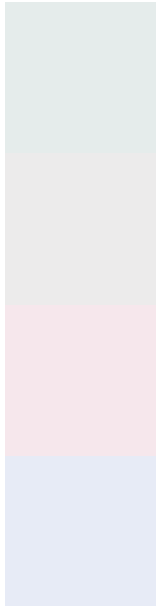
Dichromacy





Tritanopia
93, 9.310, 286.694

Trichromacy



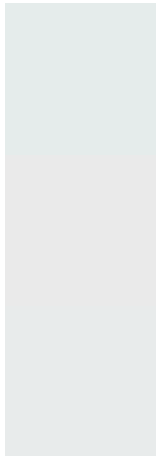
Original Color
93, 2.524, 187.691

Protanomaly
93, 0.356, 17.680

Deuteranomaly
93, 5.966, 354.169

Tritanomaly
93, 5.824, 276.886

Monochromacy



Original Color
93, 2.524, 187.691

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.059, 199.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.524, 187.691 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(229, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 235)  
}
```

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(229, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.524, 187.691 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(229, 236, 235) }
```

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

```
.border{ border-color:rgb(229, 236, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.524, 187.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 235) }
```

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

```
.background{ background-color: rgb(229,  
236, 235) }
```

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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