

Converting Colors

CIELCh(93, 5.693, 232.275)

Have a look what the booklet for
CIELCh(93, 5.693, 232.275) contains.

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Color

CIELCh(93, 5.689, 232.273)

Conversions

Conversions Part 1

Format	Color
Hex	DFEDF3
RGB	223, 237, 243
RGB Percent	87%, 93%, 95%
CMY	0.1243, 0.0694, 0.0459
CMYK	0.08, 0.02, 0.00, 0.05
HSL	198°, 46%, 91%
HSV	198°, 8%, 95%
XYZ	77.1178, 82.9670, 96.9824
YIQ	233.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

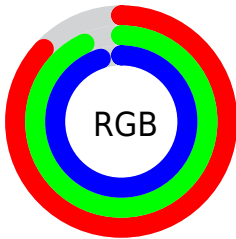
Format	Color
R _Y B	223, 231, 243
Decimal	14675443
CIE Lab	93.00, -3.48, -4.50
CIE LCh	93, 5.689, 232.273
Yxy	82.9670, 0.3000, 0.3227
Android (android.graphics.Color)	4292865523 (0xFFDFEDF3)
YUV	233.4980, 4.6845, -9.2067
Hunter-Lab	91.0862, -8.2746, 0.6324

Details

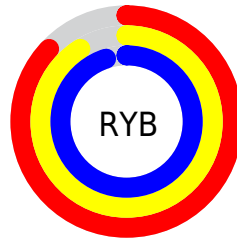
The CIELCh color `93, 5.689, 232.273` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 5.943, 50.899`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 5.655, 234.430` is the 20% darker color. If you saturate the color by 10%, you get `89, 12.327, 233.128`, and if you desaturate by 10%, it is `97, 1.248, 50.946`.

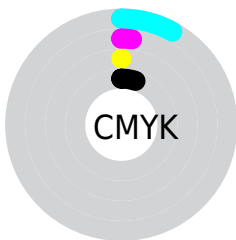
Distribution



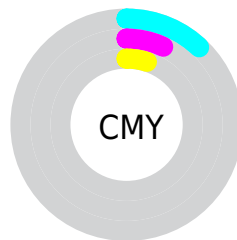
- Red (87%)
- Green (93%)
- Blue (95%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.689, 232.273 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, 5.689, 232.273 by changing the saturation by 10% instead.

93, 5.689, 232.273

93, 5.689, 232.273

100, 5.689,
232.273

83, 5.689, 232.273

73, 5.689, 232.273

63, 5.689, 232.273

53, 5.689, 232.273

43, 5.689, 232.273

33, 5.689, 232.273

23, 5.689, 232.273

13, 5.689, 232.273

3, 5.689, 232.273

93, 5.689, 232.273

93, 5.689, 232.273

89, 12.327,
233.128

97, 1.248, 50.946

86, 18.587,
234.303

99, 4.482, 95.583

83, 24.386,
235.809

100, 5.920,
109.722

80, 29.640,
237.723

77, 34.285,
240.134

74, 38.291,
243.136

71, 41.684,
246.808

69, 44.573,
251.180

■ 66, 47.165,
256.155

Harmonies

Complementary

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



93, 5.689, 232.273



92, 5.943, 50.899

Rectangle

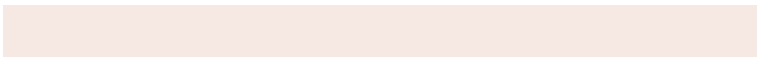
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 5.689, 232.273



93, 5.689, 282.273



93, 5.689, 52.273



93, 5.689, 102.273

Sweetspot

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



93, 5.689, 232.250



99, 1.458, 232.088



94, 10.283, 153.089



53, 0.829, 232.102



0, 0.000, 0.000



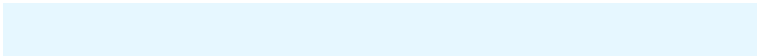
53, 0.007, 296.813

Same Dimension

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



93, 5.689, 232.250



96, 7.161, 232.384



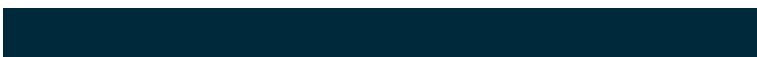
91, 8.246, 280.400



49, 3.942, 232.343



51, 38.654, 256.113



15, 16.252, 248.367

Inverse Universe

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



91, 10.209, 334.804



94, 12.917, 334.938



94, 8.168, 98.413



48, 7.099, 334.899



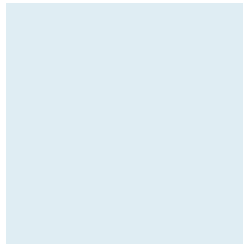
41, 72.869, 344.883



10, 33.262, 342.061

Previews

White Background



This preview shows how the CIELCh color 93, 5.689, 232.273 looks on a white background.

Color Contrast Check

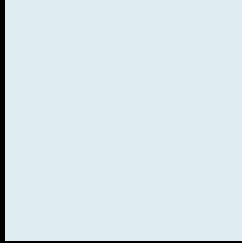
Large Text (above 18pt) WCAG AA × Fail

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, 5.689, 232.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

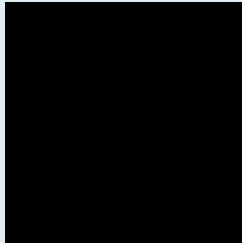
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

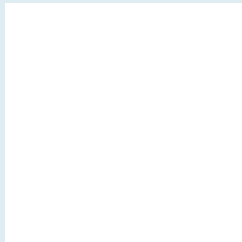
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.689, 232.273

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.689, 232.273.



This preview shows how white text looks on a background with the CIELCh color 93, 5.689, 232.273.

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](#).

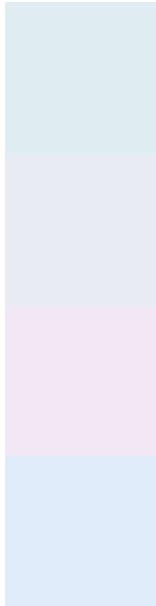
Dichromacy





Tritanopia
93, 9.934, 268.863

Trichromacy



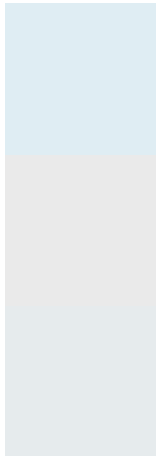
Original Color
93, 5.689, 232.273

Protanomaly
93, 3.751, 274.277

Deuteranomaly
93, 7.792, 320.386

Tritanomaly
93, 8.230, 260.921

Monochromacy



Original Color
93, 5.689, 232.273

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.027, 230.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.689, 232.273 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, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 243)  
}
```

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, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.689, 232.273 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, 237, 243) }
```

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

```
.border{ border-color:rgb(223, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.689, 232.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 243) }
```

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

```
.background{ background-color: rgb(223,  
237, 243) }
```

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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