

Converting Colors

CIELCh(93, 8.479, 20.508)

Have a look what the booklet for
CIELCh(93, 8.479, 20.508) contains.

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Color

CIELCh(93, 8.361, 23.422)

Conversions

Conversions Part 1

Format	Color
Hex	FDE6E5
RGB	253, 230, 229
RGB Percent	99%, 90%, 90%
CMY	0.0087, 0.0988, 0.1028
CMYK	0.00, 0.09, 0.09, 0.01
HSL	3°, 84%, 94%
HSV	3°, 9%, 99%
XYZ	82.7842, 82.9670, 85.6285
YIQ	236.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

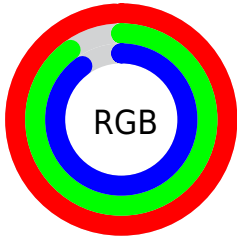
Format	Color
R _Y B	253, 230, 229
Decimal	16639717
CIE Lab	93.00, 7.67, 3.32
CIE LCh	93, 8.361, 23.422
Yxy	82.9670, 0.3293, 0.3300
Android (android.graphics.Color)	4294829797 (0xFFFDE6E5)
YUV	236.7630, -3.8272, 14.2398
Hunter-Lab	91.0862, 2.8298, 8.0229

Details

The CIELCh color **93, 8.361, 23.422** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 7.861, 202.744**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 8.064, 23.853** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.881, 24.138**, and if you desaturate by 10%, it is **100, 0.429, 204.572**.

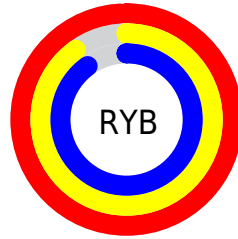
Distribution



Red (99%)

Green (90%)

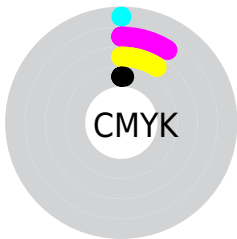
Blue (90%)



Red (99%)

Yellow (90%)

Blue (90%)

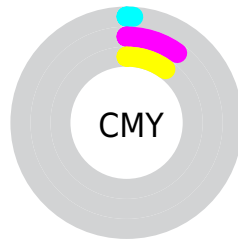


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (1%)



Cyan (1%)







Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.361, 23.422 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, 8.361, 23.422 by changing the saturation by 10% instead.

 93, 8.361, 23.422	 93, 8.361, 23.422
 100, 8.361, 23.422	 83, 8.361, 23.422
	 73, 8.361, 23.422
	 63, 8.361, 23.422
	 53, 8.361, 23.422
	 43, 8.361, 23.422
	 33, 8.361, 23.422
	 23, 8.361, 23.422
	 13, 8.361, 23.422
	 3, 8.361, 23.422

93, 8.361, 23.422

93, 8.361, 23.422

87, 17.881, 24.138

100, 0.429,
204.572

80, 28.162, 25.032

100, 0.768,
200.219

74, 39.177, 26.217

69, 50.819, 27.783

64, 62.877, 29.822

60, 75.006, 32.385

56, 86.647, 35.369

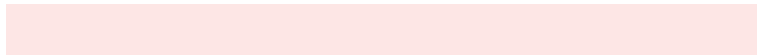
54, 96.676, 38.274

53, 103.120,
40.193

Harmonies

Complementary

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



93, 8.361, 23.422



97, 7.861, 202.744

Rectangle

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



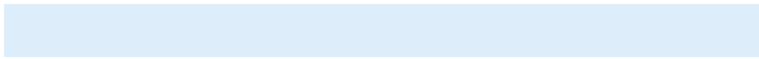
93, 8.361, 23.422



93, 8.361, 73.422



93, 8.361, 203.422



93, 8.361, 253.422

Sweetspot

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



93, 8.359, 23.438



98, 2.592, 22.926



93, 14.678, 325.853



52, 1.971, 23.019



0, 0.000, 0.000



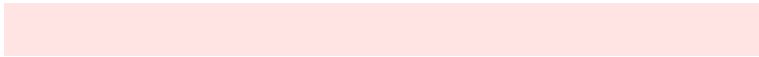
53, 0.007, 296.813

Same Dimension

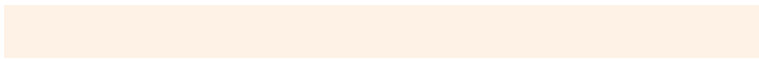
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 8.359, 23.438



93, 9.816, 23.537



96, 7.678, 77.694



50, 5.043, 23.439



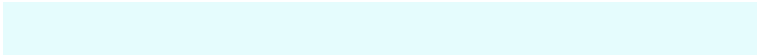
40, 83.655, 40.422



10, 32.526, 29.220

Inverse Universe

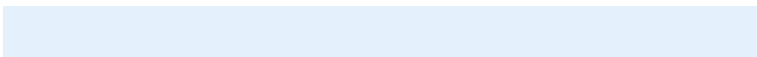
The Inverse Universe completely reimagines the original color for something new.



97, 7.861, 202.744



98, 9.138, 202.676



94, 7.546, 260.266



52, 4.742, 202.743



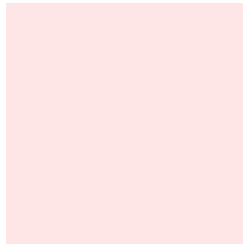
68, 38.138, 203.263



23, 17.657, 202.389

Previews

White Background



This preview shows how the CIELCh color 93, 8.361, 23.422 looks on a white background.

Color Contrast Check

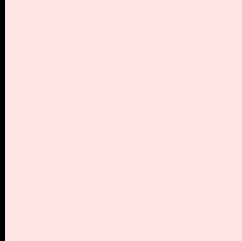
Large Text (above 18pt) WCAG AA × Fail

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, 8.361, 23.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

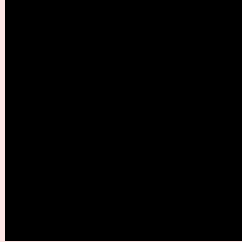
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

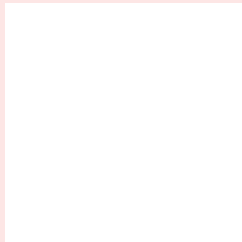
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.361, 23.422

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.361, 23.422.

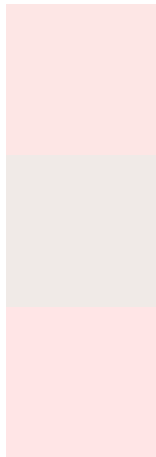


This preview shows how white text looks on a background with the CIELCh color 93, 8.361, 23.422.

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



Original Color

93, 8.361, 23.422

Protanopia

93, 2.629, 55.187

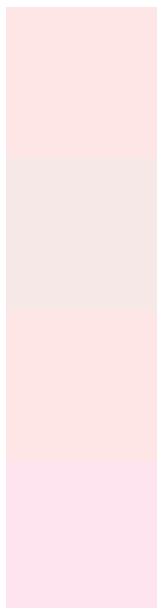
Deuteranopia

93, 9.448, 16.893



Tritanopia
93, 13.628, 337.467

Trichromacy



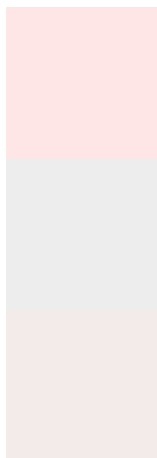
Original Color
93, 8.361, 23.422

Protanomaly
93, 4.787, 31.985

Deuteranomaly
93, 9.080, 16.737

Tritanomaly
93, 10.911, 348.897

Monochromacy



Original Color
93, 8.361, 23.422

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.217, 19.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.361, 23.422 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(253, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 229)  
}
```

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(253, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.361, 23.422 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(253, 230, 229) }
```

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

```
.border{ border-color:rgb(253, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 230, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 230, 229); box-shadow:4px 4px 4px 4px rgb(253, 230, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.361, 23.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 229) }
```

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

```
.background{ background-color: rgb(253,  
230, 229) }
```

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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