Converting Colors

CIELCh(100, 39.020, 30.685)

Have a look what the booklet for CIELCh(100, 39.020, 30.685) contains.

Color

CIELCh(93, 11.126, 53.440)

Conversions

Format	Color
	Conversions Part 1
Hex	FFE6DA
RGB	255, 230, 218
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.0978, 0.1448
CMYK	0.00, 0.10, 0.14, 0.00
HSL	20°, 100%, 93%
HSV	20°, 14%, 100%
XYZ	82.2420, 82.9670, 78.0526
YIQ	236.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

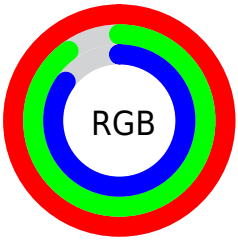
Format	Color
RYB	255, 236, 218
Decimal	16770778
CIELab	93.00, 6.63, 8.94
CIELCh	93, 11.126, 53.440
Yxy	82.9670, 0.3381, 0.3411
Android (android.graphics.Color)	4294960858 (0xFFFFE6DA)
YUV	236.1070, -8.9268, 16.5692
Hunter-Lab	91.0862, 1.7673, 12.9542

Details

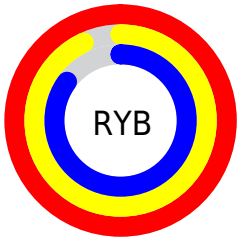
The CIELCh color 93, 11.126, 53.440 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 94, 10.281, 236.055, and the grayscale version is 93, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 73, 11.145, 55.412 is the 20% darker color. If you saturate the color by 10%, you get 88, 19.488, 52.858, and if you desaturate by 10%, it is 98, 3.313, 54.145.

Distribution

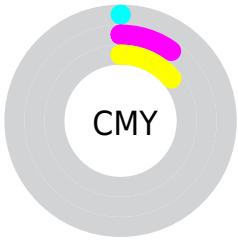


- Red (100%)
- Green (90%)
- Blue (85%)



- Red (100%)
- Yellow (93%)
- Blue (85%)

- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.126, 53.440 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, 11.126, 53.440 by changing the saturation by 10% instead.

93, 11.126, 53.440

100, 11.126, 53.440

93, 11.126, 53.440

83, 11.126, 53.440

73, 11.126, 53.440

63, 11.126, 53.440

53, 11.126, 53.440

43, 11.126, 53.440

33, 11.126, 53.440

23, 11.126, 53.440

13, 11.126, 53.440

3, 11.126, 53.440

93, 11.126, 53.440

88, 19.488, 52.858

84, 28.513, 52.251

79, 38.210, 51.731

75, 48.566, 51.311

71, 59.472, 50.979

67, 70.627, 50.659

64, 81.327, 50.138

61, 90.164, 48.947

59, 93.957, 47.999

93, 11.126, 53.440

98, 3.313, 54.145

100, 0.012, 296.813

Harmonies

Complementary

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

93, 11.126, 53.440

94, 10.281, 236.055

Rectangle

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

93, 11.126, 53.440

93, 11.126, 103.440

93, 11.126, 233.440

93, 11.126, 283.440

Sweetspot

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

93, 11.105, 53.526

98, 2.949, 54.160

91, 18.547, 335.977

52, 2.102, 54.135

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, 11.105, 53.526

92, 13.156, 53.355

97, 15.522, 99.729

51, 4.279, 53.862

45, 75.194, 48.601

13, 28.238, 45.769

Inverse Universe

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

94, 10.281, 236.055

93, 12.001, 236.326

90, 15.805, 283.196

51, 4.077, 235.575

51, 41.180, 260.776

16, 17.778, 253.584

Previews

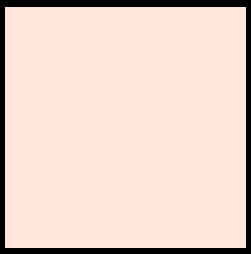
White Background

This preview shows how the CIELCh color 93, 11.126, 53.440 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



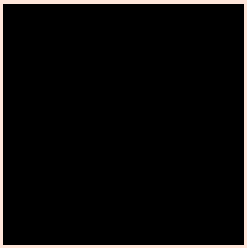
This preview shows how the CIELCh color 93, 11.126, 53.440 looks on a black background.

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, 11.126, 53.440 Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.126, 53.440.

This preview shows how white text looks on a background with the CIELCh color 93, 11.126, 53.440.

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, 11.126, 53.440

Protanopia
93, 7.895, 84.962

Deuteranopia
93, 9.866, 35.032

Tritanopia
93, 12.358, 341.588

Trichromacy

Original Color
93, 11.126, 53.440

Protanomaly
93, 8.831, 73.978

Deuteranomaly
93, 10.214, 40.529

Tritanomaly
93, 9.729, 4.743

Monochromacy

Original Color
93, 11.126, 53.440

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.118, 58.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.126, 53.440 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(255, 230, 218) looks like.

```
.text, #text, p{
    color:rgb(255, 230, 218)
}
```

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(255, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.126, 53.440 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(255, 230, 218) }
```

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

```
.border{ border-color:rgb(255, 230, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 230, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 230, 218); box-shadow:4px 4px 4px 4px rgb(255, 230, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.126, 53.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 230, 218) }
```

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

```
.background{ background-color:rgb(255,
230, 218) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor