Converting Colors

CIELCh(92, 55.126, 138.474)

Have a look what the booklet for CIELCh(92, 55.126, 138.474) contains.

Color

CIELCh(92, 55.231, 138.617)

Conversions

Conversions Part 1

Format	Color
Hex	ACFCA0
RGB	172, 252, 160
RGB Percent	67%, 99%, 63%
CMY	0.3266, 0.0129, 0.3736
CMYK	0.32, 0.00, 0.37, 0.01
HSL	112°, 93%, 81%
HSV	112°, 37%, 99%
XYZ	57.9913, 80.7044, 45.6547
YIQ	217.5920, -18.1480, -45.5720

Conversions

Conversions Part 2

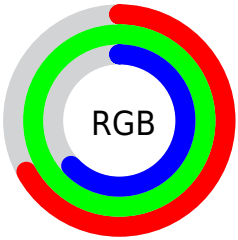
Format	Color
RYB	160, 252, 240
Decimal	11336864
CIELab	92.00, -41.44, 36.51
CIELCh	92, 55.231, 138.617
Yxy	80.7044, 0.3146, 0.4378
Android (android.graphics.Color)	4289526944 (0xFFACFCA0)
YUV	217.5920, -28.3929, -39.9842
Hunter-Lab	89.8356, -41.9859, 32.7536

Details

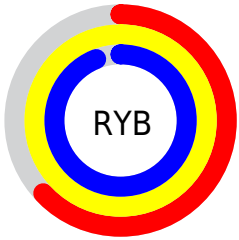
The CIELCh color 92, 55.231, 138.617 is a light color, and the websafe version is hex 99FF99. A complement of this color would be 76, 55.741, 322.560, and the grayscale version is 87, 0.010, 296.813.

A 20% lighter version of the original color is 97, 22.462, 133.447, and 72, 55.340, 138.397 is the 20% darker color. If you saturate the color by 10%, you get 91, 69.688, 137.829, and if you desaturate by 10%, it is 94, 40.253, 139.341.

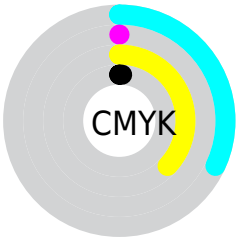
Distribution



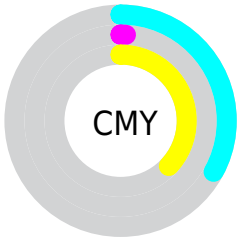
- Red (67%)
- Green (99%)
- Blue (63%)



- Red (63%)
- Yellow (99%)
- Blue (94%)



- Cyan (32%)
- Magenta (0%)
- Yellow (37%)
- Black (1%)



- Cyan (33%)
- Magenta (1%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 55.231, 138.617 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 92, 55.231, 138.617 by changing the saturation by 10% instead.

92, 55.231, 138.617

100, 55.231, 138.617

92, 55.231, 138.617

82, 55.231, 138.617

72, 55.231, 138.617

62, 55.231, 138.617

52, 55.231, 138.617

42, 55.231, 138.617

32, 55.231, 138.617

22, 55.231,

138.617

12, 55.231, 138.617

2, 55.231, 138.617

92, 55.231, 138.617

91, 69.688, 137.829

89, 83.218, 137.014

89, 95.302, 136.246

88, 105.307, 135.641

92, 55.231, 138.617

94, 40.253, 139.341

95, 25.051, 139.985

97, 9.852, 140.559

99, 2.049, 324.362

87, 112.588, 135.334

87, 116.779, 135.412

87, 117.710, 135.462

Harmonies

Complementary

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

92, 55.231, 138.617

76, 55.741, 322.560

Rectangle

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

92, 55.231, 138.617

92, 55.231, 188.617

92, 55.231, 318.617

92, 55.231, 8.617

Sweetspot

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

92, 55.233, 138.618

98, 16.792, 140.309

94, 40.682, 100.062

52, 11.291, 140.231

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

92, 55.233, 138.618

92, 66.780, 138.032

92, 43.993, 153.822

51, 8.529, 140.394

67, 94.648, 135.348

22, 41.423, 135.182

Inverse Universe

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

76, 55.741, 322.560

73, 67.422, 322.871

77, 44.854, 340.114

49, 8.563, 321.284

41, 93.071, 323.214

10, 42.035, 323.827

Previews

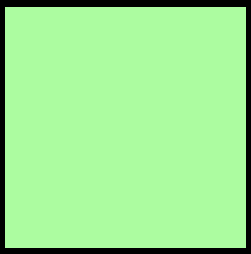
White Background

This preview shows how the CIELCh color 92, 55.231, 138.617 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



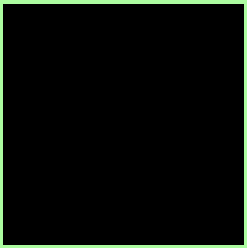
This preview shows how the CIELCh color 92, 55.231, 138.617 looks on a black background.

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 92, 55.231, 138.617 Background



This preview shows how black text looks on a background with the CIELCh color 92, 55.231, 138.617.

This preview shows how white text looks on a background with the CIELCh color 92, 55.231, 138.617.

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
92, 55.231, 138.617

Protanopia
92, 41.594, 95.649

Deuteranopia
92, 17.428, 69.794

Tritanopia
92, 16.051, 232.099

Trichromacy

Original Color
92, 55.231, 138.617

Protanomaly
92, 43.543, 115.547

Deuteranomaly
91, 25.930, 116.531

Tritanomaly
92, 22.903, 166.587

Monochromacy

Original Color
92, 55.231, 138.617

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 20.683, 139.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 55.231, 138.617 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(172, 252, 160) looks like.

```
.text, #text, p{
    color:rgb(172, 252, 160)
}
```

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(172, 252, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 252, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 55.231, 138.617 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(172, 252, 160) }
```

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

```
.border{ border-color:rgb(172, 252, 160) }
```

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

Here you see how a box with a 4 pixel rgb(172, 252, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 252, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 252, 160); box-shadow:4px 4px 4px 4px rgb(172, 252, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 55.231, 138.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(172, 252, 160) }
```

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

```
.background{ background-color:rgb(172,
252, 160) }
```

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