

Converting Colors

CIELCh(55, 2.232, 296.264)

Have a look what the booklet for
CIELCh(55, 2.232, 296.264) contains.

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Color

CIELCh(55, 2.342, 300.077)

Conversions

Conversions Part 1

Format	Color
Hex	848387
RGB	132, 131, 135
RGB Percent	52%, 51%, 53%
CMY	0.4819, 0.4858, 0.4701
CMYK	0.02, 0.03, 0.00, 0.47
HSL	255°, 2%, 52%
HSV	255°, 3%, 53%
XYZ	22.0458, 22.9298, 26.2274
YIQ	131.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

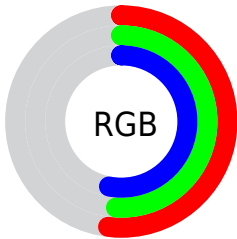
Format	Color
R_{YB}	132, 131, 135
Decimal	8684423
CIE Lab	55.00, 1.17, -2.03
CIE LCh	55, 2.342, 300.077
Yxy	22.9298, 0.3096, 0.3220
Android (android.graphics.Color)	4286874503 (0xFF848387)
YUV	131.7550, 1.5998, 0.2149
Hunter-Lab	47.8851, -1.6193, 1.0456

Details

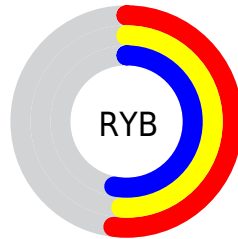
The CIELCh color $55, 2.342, 300.077$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 2.314, 119.728$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 2.203, 300.026$, and $35, 1.929, 303.205$ is the 20% darker color. If you saturate the color by 10%, you get $50, 10.411, 300.723$, and if you desaturate by 10%, it is $60, 5.446, 119.504$.

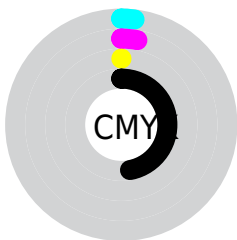
Distribution



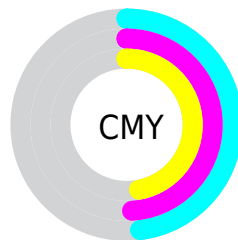
- Red (52%)
- Green (51%)
- Blue (53%)



- Red (52%)
- Yellow (51%)
- Blue (53%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 2.342, 300.077 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 55, 2.342, 300.077 by changing the saturation by 10% instead.

■ 55, 2.342, 300.077

■ 55, 2.342, 300.077

100, 2.342,
300.077

■ 45, 2.342, 300.077

■ 75, 2.342, 300.077

■ 35, 2.342, 300.077

■ 85, 2.342, 300.077

■ 25, 2.342, 300.077

■ 95, 2.342, 300.077

■ 15, 2.342, 300.077

■ 5, 2.342, 300.077

■ 0, 2.342, 300.077

■ 55, 2.342, 300.077

■ 55, 2.342, 300.077

■ 50, 10.411,
300.723

■ 60, 5.446, 119.504

■ 64, 12.963,

46, 18.774,
301.471

119.007

41, 27.428,
302.316

69, 20.226,
118.578

37, 36.350,
303.254

73, 27.250,
118.208

32, 45.466,
304.270

78, 34.050,
117.889

28, 54.608,
305.321

82, 40.641,
117.613

24, 63.444,
306.327

86, 47.034,
117.377

20, 71.384,
307.153

91, 53.243,
117.173

18, 77.589,
307.620

95, 59.280,
116.998

Harmonies

Complementary

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



55, 2.342, 300.077



56, 2.314, 119.728

Rectangle

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



55, 2.342, 300.077



55, 2.342, 350.077



55, 2.342, 120.077



55, 2.342, 170.077

Sweetspot

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



55, 2.341, 300.061



71, 0.984, 299.926



56, 1.304, 223.826



38, 0.564, 299.920



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 2.341, 300.061



70, 3.930, 300.133



55, 2.586, 316.844



27, 2.200, 300.163



15, 79.171, 307.972



0, 1.046, 299.891

Inverse Universe

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



55, 2.351, 332.404



70, 3.945, 332.503



56, 2.568, 136.715



27, 2.208, 332.540



28, 58.230, 340.851



0, 1.054, 332.321

Previews

White Background



This preview shows how the CIELCh color 55, 2.342, 300.077 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 2.342, 300.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

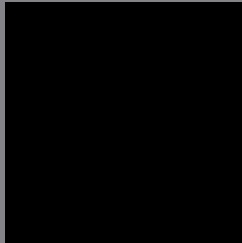
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

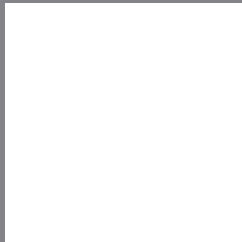
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 2.342, 300.077

Background



This preview shows how black text looks on a background with the CIELCh color 55, 2.342, 300.077.



This preview shows how white text looks on a background with the CIELCh color 55, 2.342, 300.077.

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

55, 2.342, 300.077

Protanopia

55, 2.443, 309.156

Deuteranopia

55, 7.216, 340.698



Tritanopia
55, 6.451, 301.233

Trichromacy



Original Color

55, 2.342, 300.077

Protanomaly

55, 2.443, 309.156

Deuteranomaly

55, 5.387, 331.670

Tritanomaly

55, 5.325, 303.384

Monochromacy



Original Color

55, 2.342, 300.077

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 0.580, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 2.342, 300.077 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(132, 131, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 131, 135)  
}
```

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(132, 131, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 131, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 2.342, 300.077 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(132, 131, 135) }
```

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

```
.border{ border-color:rgb(132, 131, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 131, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 131, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 131, 135);  
box-shadow:4px 4px 4px 4px rgb(132, 131,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 2.342, 300.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 131, 135) }
```

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

```
.background{ background-color: rgb(132,  
131, 135) }
```

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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