

Converting Colors

CIELCh(56, 1.567, 246.473)

Have a look what the booklet for
CIELCh(56, 1.567, 246.473) contains.

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Color

CIELCh(56, 1.623, 244.471)

Conversions

Conversions Part 1

Format	Color
Hex	848789
RGB	132, 135, 137
RGB Percent	52%, 53%, 54%
CMY	0.4836, 0.4719, 0.4640
CMYK	0.04, 0.01, 0.00, 0.46
HSL	204°, 2%, 53%
HSV	204°, 4%, 54%
XYZ	22.5747, 23.9124, 26.9690
YIQ	134.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

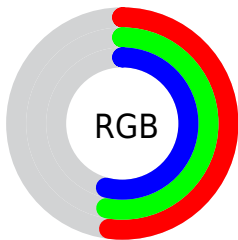
Format	Color
RYB	132, 134, 137
Decimal	8685449
CIELab	56.00, -0.70, -1.46
CIElCh	56, 1.623, 244.471
Yxy	23.9124, 0.3073, 0.3255
Android (android.graphics.Color)	4286875529 (0xFF848789)
YUV	134.3310, 1.3158, -2.0443
Hunter-Lab	48.9003, -3.1715, 1.5312

Details

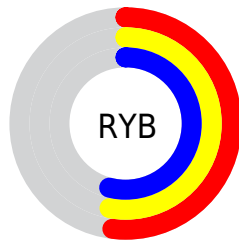
The CIELCh color $56, 1.623, 244.471$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 1.637, 63.279$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 1.531, 244.444$, and $36, 1.490, 256.078$ is the 20% darker color. If you saturate the color by 10%, you get $53, 5.975, 245.418$, and if you desaturate by 10%, it is $59, 2.831, 63.130$.

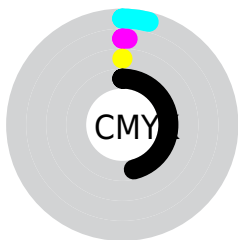
Distribution



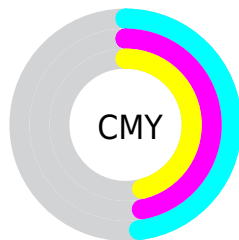
- Red (52%)
- Green (53%)
- Blue (54%)



- Red (52%)
- Yellow (53%)
- Blue (54%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (48%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 1.623, 244.471 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 56, 1.623, 244.471 by changing the saturation by 10% instead.

■ 56, 1.623, 244.471

■ 56, 1.623, 244.471

■ 100, 1.623,
244.471

■ 46, 1.623, 244.471

■ 76, 1.623, 244.471

■ 36, 1.623, 244.471

■ 86, 1.623, 244.471

■ 26, 1.623, 244.471

■ 96, 1.623, 244.471

■ 16, 1.623, 244.471

■ 6, 1.623, 244.471

■ 0, 1.623, 244.471

■ 56, 1.623, 244.471

■ 56, 1.623, 244.471

■ 53, 5.975, 245.418

■ 59, 2.831, 63.130

■ 51, 10.197,

■ 61, 7.359, 62.398

246.787

64, 11.938, 61.737

48, 14.256,
248.464

67, 16.549, 61.168

46, 18.121,
250.502

69, 21.175, 60.679

43, 21.768,
252.970

72, 25.805, 60.256

41, 25.187,
255.935

75, 30.427, 59.887

39, 28.392,
259.449

78, 35.033, 59.564

37, 31.429,
263.523

80, 39.617, 59.278

35, 34.381,
268.091

Harmonies

Complementary

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



56, 1.623, 244.471



56, 1.637, 63.279

Rectangle

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



56, 1.623, 244.471



56, 1.623, 294.471



56, 1.623, 64.471



56, 1.623, 114.471

Sweetspot

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



56, 1.623, 244.416



72, 0.557, 244.671



56, 2.647, 157.709



38, 0.316, 244.717



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



56, 1.623, 244.416



71, 2.206, 244.439



55, 2.544, 285.394



28, 1.258, 244.472



33, 35.448, 270.764



1, 1.174, 243.851

Inverse Universe

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



56, 2.633, 338.767



71, 3.583, 338.809



57, 2.516, 104.579



28, 2.045, 338.855



28, 54.054, 351.935



0, 1.890, 338.607

Previews

White Background



This preview shows how the CIELCh color 56, 1.623, 244.471 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 56, 1.623, 244.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

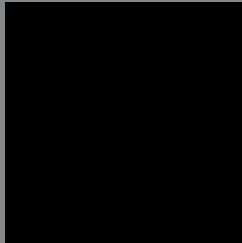
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

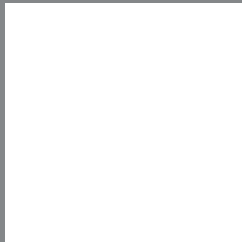
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 1.623, 244.471

Background



This preview shows how black text looks on a background with the CIELCh color 56, 1.623, 244.471.



This preview shows how white text looks on a background with the CIELCh color 56, 1.623, 244.471.

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


56, 1.623, 244.471

Protanopia

56, 2.099, 324.466

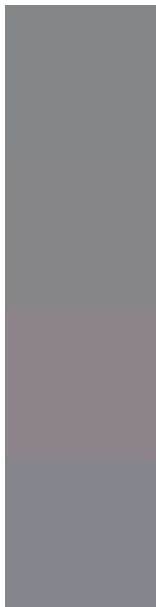
Deuteranopia

56, 7.507, 342.673



Tritanopia
56, 5.733, 287.056

Trichromacy



Original Color

56, 1.623, 244.471

Protanomaly

56, 1.151, 290.357

Deuteranomaly

56, 4.679, 332.643

Tritanomaly

56, 4.023, 285.184

Monochromacy



Original Color

56, 1.623, 244.471

Achromatopsia

56, 0.007, 296.813

Achromatomaly

56, 0.694, 255.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 1.623, 244.471 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, 135, 137)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 137)  
}
```

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, 135, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 1.623, 244.471 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, 135, 137) }
```

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

```
.border{ border-color:rgb(132, 135, 137) }
```

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

Here you see how a box with a 4 pixel rgb(132, 135, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 137);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 1.623, 244.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 137) }
```

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

```
.background{ background-color: rgb(132,  
135, 137) }
```

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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