

Converting Colors

CIELCh(56, 41.344, 0.468)

Have a look what the booklet for
CIELCh(56, 41.344, 0.468) contains.

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Color

CIELCh(56, 41.513, 0.575)

Conversions

Conversions Part 1

Format	Color
Hex	C86887
RGB	200, 104, 135
RGB Percent	78%, 41%, 53%
CMY	0.2159, 0.5923, 0.4708
CMYK	0.00, 0.48, 0.33, 0.22
HSL	341°, 47%, 60%
HSV	341°, 48%, 78%
XYZ	33.1224, 23.9124, 25.7753
YIQ	136.2380, 47.2650, 29.9930

Conversions

Conversions Part 2

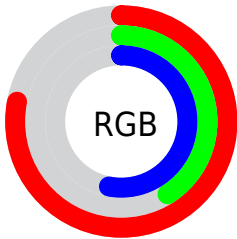
Format	Color
R_{YB}	200, 104, 135
Decimal	13133959
CIE _{Lab}	56.00, 41.51, 0.42
CIE _{LCh}	56, 41.513, 0.575
Yxy	23.9124, 0.4000, 0.2888
Android (android.graphics.Color)	4291324039 (0xFFC86887)
YUV	136.2380, -0.6103, 55.9193
Hunter-Lab	48.9003, 35.3307, 2.9785

Details

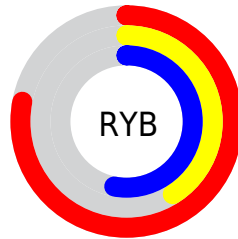
The CIELCh color $56, 41.513, 0.575$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $74, 36.433, 169.239$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 40.304, 359.455$, and $36, 41.617, 0.732$ is the 20% darker color. If you saturate the color by 10%, you get $52, 49.791, 2.726$, and if you desaturate by 10%, it is $61, 32.772, 358.834$.

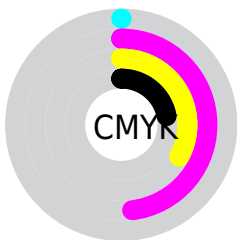
Distribution



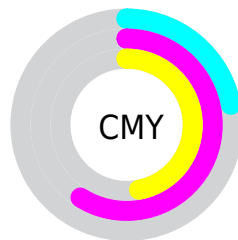
- Red (78%)
- Green (41%)
- Blue (53%)



- Red (78%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 41.513, 0.575 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, 41.513, 0.575 by changing the saturation by 10% instead.

 56, 41.513, 0.575  56, 41.513, 0.575

 100, 41.513, 0.575  46, 41.513, 0.575

 76, 41.513, 0.575  36, 41.513, 0.575



 86, 41.513, 0.575  26, 41.513, 0.575

 96, 41.513, 0.575  16, 41.513, 0.575

 6, 41.513, 0.575

 0, 41.513, 0.575

 56, 41.513, 0.575  56, 41.513, 0.575

 52, 49.791, 2.726  61, 32.772,
358.834

 48, 57.213, 5.427

45, 63.395, 8.849

66, 23.904,
357.388

44, 68.134, 13.152

71, 15.134,
356.159

42, 71.666, 18.317

42, 72.377, 19.353

76, 6.606, 355.069

82, 1.604, 174.513

87, 9.466, 173.454

93, 16.976,
172.701

96, 19.602,
180.263

96, 18.116,
198.307

Harmonies

Complementary

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



56, 41.513, 0.575



74, 36.433, 169.239

Rectangle

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



56, 41.513, 0.575



56, 41.513, 50.575



56, 41.513, 180.575



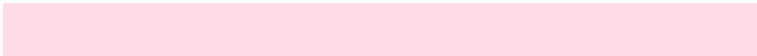
56, 41.513, 230.575

Sweetspot

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



56, 41.510, 0.577



91, 14.238, 355.733



54, 58.347, 316.697



47, 9.868, 355.975



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 41.510, 0.577



65, 60.580, 2.926



59, 36.916, 36.873



39, 4.671, 355.215



34, 61.994, 18.434



4, 16.619, 3.069

Inverse Universe

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



56, 41.510, 0.577



65, 60.580, 2.926



70, 25.621, 217.822



39, 4.671, 355.215



34, 61.994, 18.434



4, 16.619, 3.069

Previews

White Background



This preview shows how the CIELCh color 56, 41.513, 0.575 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, 41.513, 0.575 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, 41.513, 0.575

Background



This preview shows how black text looks on a background with the CIELCh color 56, 41.513, 0.575.



This preview shows how white text looks on a background with the CIELCh color 56, 41.513, 0.575.

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, 41.513, 0.575

Protanopia

56, 10.884, 287.568

Deuteranopia

56, 7.696, 15.945



Tritanopia
56, 38.297, 18.474

Trichromacy



Original Color
56, 41.513, 0.575

Protanomaly
55, 18.665, 336.775

Deuteranomaly
56, 20.063, 3.702

Tritanomaly
56, 38.885, 12.173

Monochromacy



Original Color
56, 41.513, 0.575

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 15.590, 355.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 41.513, 0.575 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(200, 104, 135)` looks like.

```
.text, #text, p{  
    color:rgb(200, 104, 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(200, 104, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 104, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 41.513, 0.575 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(200, 104, 135) }
```

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

```
.border{ border-color:rgb(200, 104, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 104, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 104, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 104, 135); box-shadow:4px 4px 4px 4px rgb(200, 104, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 41.513, 0.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 104, 135) }
```

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

```
.background{ background-color: rgb(200,  
104, 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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