

Converting Colors

CIELCh(53, 44.840, 356.100)

Have a look what the booklet for
CIELCh(53, 44.840, 356.100)
contains.

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Color

CIELCh(53, 44.870, 356.147)

Conversions

Conversions Part 1

Format	Color
Hex	C25D85
RGB	194, 93, 133
RGB Percent	76%, 36%, 52%
CMY	0.2385, 0.6347, 0.4778
CMYK	0.00, 0.52, 0.31, 0.24
HSL	336°, 45%, 56%
HSV	336°, 52%, 76%
XYZ	30.4650, 21.0462, 24.7026
YIQ	127.7590, 47.3560, 33.8520

Conversions

Conversions Part 2

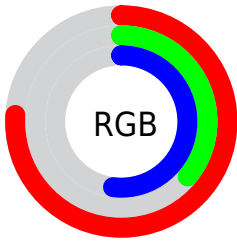
Format	Color
RYB	194, 93, 133
Decimal	12737925
CIELab	53.00, 44.77, -3.02
CIELCh	53, 44.870, 356.147
Yxy	21.0462, 0.3997, 0.2761
Android (android.graphics.Color)	4290928005 (0xFFC25D85)
YUV	127.7590, 2.5838, 58.0934
Hunter-Lab	45.8761, 38.2535, 0.1878

Details

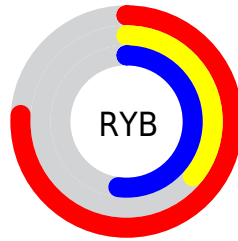
The CIELCh color **53, 44.870, 356.147** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **72, 40.624, 163.967**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.073, 356.083**, and **33, 44.949, 355.676** is the 20% darker color. If you saturate the color by 10%, you get **49, 52.534, 358.245**, and if you desaturate by 10%, it is **57, 36.463, 354.441**.

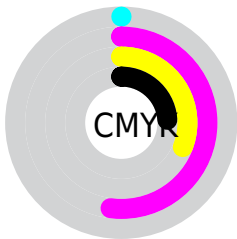
Distribution



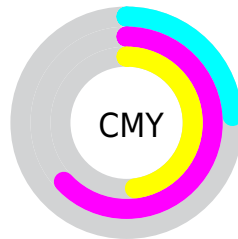
- Red (76%)
- Green (36%)
- Blue (52%)



- Red (76%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (24%)




- Cyan (24%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 44.870, 356.147 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 53, 44.870, 356.147 by changing the saturation by 10% instead.


 53, 44.870,
356.147

 53, 44.870,
356.147


 100, 44.870,
356.147


 43, 44.870,
356.147


 73, 44.870,
356.147

 33, 44.870,
356.147

 83, 44.870,
356.147

 23, 44.870,
356.147

 93, 44.870,
356.147

 13, 44.870,
356.147

 3, 44.870, 356.147

 0, 44.870, 356.147

■ 53, 44.870,
356.147

■ 53, 44.870,
356.147

■ 49, 52.534,
358.245

■ 57, 36.463,
354.441

■ 46, 59.031, 0.873

■ 62, 27.702,
353.017

■ 44, 63.992, 4.204

■ 67, 18.871,
351.800

■ 42, 67.294, 8.403

■ 41, 69.165, 12.267

■ 72, 10.160,
350.729

■ 77, 1.684, 349.586

■ 83, 6.497, 169.081

■ 88, 14.362,
168.296

■ 94, 21.908,
167.604

■ 96, 22.288,
175.949

Harmonies

Complementary

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



53, 44.870, 356.147



72, 40.624, 163.967

Rectangle

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



53, 44.870, 356.147



53, 44.870, 46.147



53, 44.870, 176.147



53, 44.870, 226.147

Sweetspot

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



53, 44.867, 356.148



89, 16.840, 351.168



50, 61.205, 314.768



46, 11.496, 351.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 44.867, 356.148



63, 64.829, 358.471



54, 41.515, 32.074



38, 4.764, 350.460



34, 60.010, 11.452



3, 15.075, 358.389

Inverse Universe

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



53, 44.867, 356.148



63, 64.829, 358.471



70, 27.752, 208.985



38, 4.764, 350.460



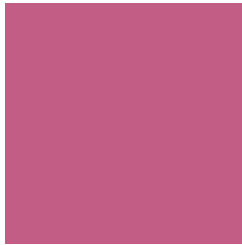
34, 60.010, 11.452



3, 15.075, 358.389

Previews

White Background



This preview shows how the CIELCh color 53, 44.870, 356.147 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 53, 44.870, 356.147 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 53, 44.870, 356.147

Background



This preview shows how black text looks on a background with the CIELCh color 53, 44.870, 356.147.

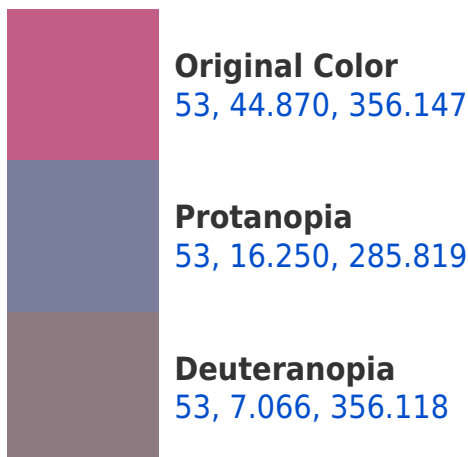


This preview shows how white text looks on a background with the CIELCh color 53, 44.870, 356.147.

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





Tritanopia
53, 40.079, 19.249

Trichromacy



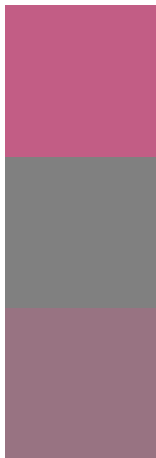
Original Color
53, 44.870, 356.147

Protanomaly
52, 22.681, 327.314

Deuteranomaly
52, 21.543, 353.486

Tritanomaly
53, 40.983, 10.243

Monochromacy



Original Color
53, 44.870, 356.147

Achromatopsia
54, 0.007, 296.813

Achromatomaly
52, 17.211, 351.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 44.870, 356.147 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(194, 93, 133)` looks like.

```
.text, #text, p{  
    color:rgb(194, 93, 133)  
}
```

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(194, 93, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 93, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 44.870, 356.147 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(194, 93, 133) }
```

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

```
.border{ border-color:rgb(194, 93, 133) }
```

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

Here you see how a box with a 4 pixel rgb(194, 93, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 93, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 93, 133);  
box-shadow:4px 4px 4px 4px rgb(194, 93,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 44.870, 356.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 93, 133) }
```

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

```
.background{ background-color: rgb(194, 93,  
133) }
```

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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