

Converting Colors

CIELCh(56, 53.681, 3.387)

Have a look what the booklet for
CIELCh(56, 53.681, 3.387) contains.

CIELCh(56, 53.524, 3.461)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 53.524, 3.461)

Conversions

Conversions Part 1

Format	Color
Hex	DA5B83
RGB	218, 91, 131
RGB Percent	85%, 36%, 51%
CMY	0.1464, 0.6443, 0.4874
CMYK	0.00, 0.58, 0.40, 0.15
HSL	341°, 63%, 60%
HSV	341°, 58%, 85%
XYZ	36.6027, 23.9124, 24.0559
YIQ	133.5330, 62.8520, 39.3640

Conversions

Conversions Part 2

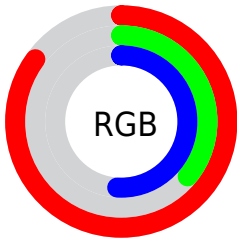
Format	Color
R_{YB}	218, 91, 131
Decimal	14310275
CIE _{Lab}	56.00, 53.43, 3.23
CIE _{LCh}	56, 53.524, 3.461
Yxy	23.9124, 0.4328, 0.2827
Android (android.graphics.Color)	4292500355 (0xFFDA5B83)
YUV	133.5330, -1.2488, 74.0776
Hunter-Lab	48.9003, 48.0347, 5.0633

Details

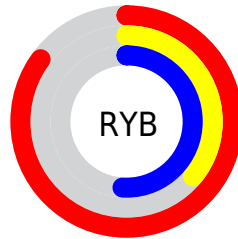
The CIELCh color **56, 53.524, 3.461** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **79, 45.580, 168.274**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.411, 357.906**, and **36, 53.621, 3.370** is the 20% darker color. If you saturate the color by 10%, you get **52, 61.436, 6.248**, and if you desaturate by 10%, it is **60, 44.675, 1.251**.

Distribution



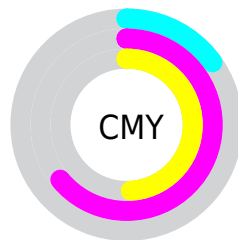
- Red (85%)
- Green (36%)
- Blue (51%)



- Red (85%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 53.524, 3.461 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, 53.524, 3.461 by changing the saturation by 10% instead.

 56, 53.524, 3.461

 56, 53.524, 3.461

 100, 53.524, 3.461

 46, 53.524, 3.461

 76, 53.524, 3.461

 36, 53.524, 3.461

 86, 53.524, 3.461

 26, 53.524, 3.461

 96, 53.524, 3.461

 16, 53.524, 3.461

 6, 53.524, 3.461

 0, 53.524, 3.461

 56, 53.524, 3.461

 56, 53.524, 3.461

 52, 61.436, 6.248

 60, 44.675, 1.251

 49, 68.016, 9.784

 65, 35.329,

47, 73.070, 14.220

359.465

46, 76.881, 19.516

71, 25.840,
357.988

46, 77.523, 20.404

76, 16.459,
356.737

82, 7.340, 355.634

88, 1.432, 175.124

94, 9.826, 174.000

97, 12.988,
187.147

97, 12.559,
198.667

Harmonies

Complementary

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



56, 53.524, 3.461



79, 45.580, 168.274

Rectangle

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



56, 53.524, 3.461



56, 53.524, 53.461



56, 53.524, 183.461



56, 53.524, 233.461

Sweetspot

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



56, 53.521, 3.463



89, 17.319, 356.601



54, 75.361, 317.552



46, 11.626, 356.836



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, 53.521, 3.463



60, 71.085, 6.987



60, 49.509, 39.081



43, 5.043, 355.753



36, 65.125, 19.439



6, 23.940, 6.141

Inverse Universe

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



56, 53.521, 3.463



60, 71.085, 6.987



74, 31.182, 221.595



43, 5.043, 355.753



36, 65.125, 19.439



6, 23.940, 6.141

Previews

White Background



This preview shows how the CIELCh color 56, 53.524, 3.461 looks on a white background.

Color Contrast Check

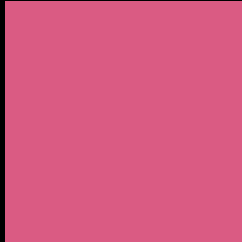
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.524, 3.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

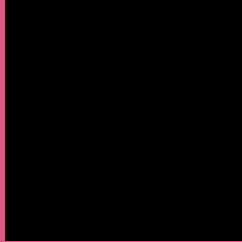
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 53.524, 3.461

Background



This preview shows how black text looks on a background with the CIELCh color 56, 53.524, 3.461.



This preview shows how white text looks on a background with the CIELCh color 56, 53.524, 3.461.

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, 53.524, 3.461

Protanopia

56, 12.613, 286.674

Deuteranopia

56, 9.112, 38.346



Tritanopia
56, 51.565, 22.236

Trichromacy



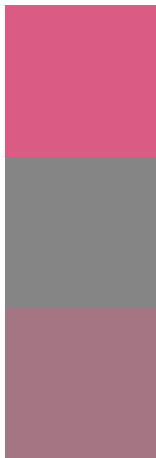
Original Color
56, 53.524, 3.461

Protanomaly
55, 24.034, 338.698

Deuteranomaly
55, 25.018, 8.110

Tritanomaly
56, 51.753, 15.339

Monochromacy



Original Color
56, 53.524, 3.461

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.206, 358.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 53.524, 3.461 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(218, 91, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 91, 131)  
}
```

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(218, 91, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 91, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 53.524, 3.461 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(218, 91, 131) }
```

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

```
.border{ border-color:rgb(218, 91, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 91, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 91, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 91, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 91,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 53.524, 3.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 91, 131) }
```

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

```
.background{ background-color: rgb(218, 91,  
131) }
```

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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