

Converting Colors

CIELCh(56, 35.777, 0.486)

Have a look what the booklet for
CIELCh(56, 35.777, 0.486) contains.

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Color

CIELCh(56, 36.047, 0.371)

Conversions

Conversions Part 1

Format	Color
Hex	C06D87
RGB	192, 109, 135
RGB Percent	75%, 43%, 53%
CMY	0.2468, 0.5723, 0.4704
CMYK	0.00, 0.43, 0.30, 0.25
HSL	341°, 40%, 59%
HSV	341°, 43%, 75%
XYZ	31.6030, 23.9124, 25.8900
YIQ	136.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

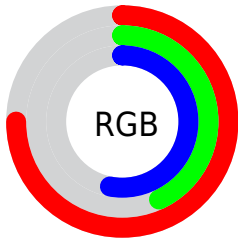
Format	Color
RYB	192, 109, 135
Decimal	12610951
CIELab	56.00, 36.05, 0.23
CIElCh	56, 36.047, 0.371
Yxy	23.9124, 0.3882, 0.2937
Android (android.graphics.Color)	4290801031 (0xFFC06D87)
YUV	136.7810, -0.8780, 48.4271
Hunter-Lab	48.9003, 29.7843, 2.8395

Details

The CIELCh color $56, 36.047, 0.371$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $72, 31.893, 170.546$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 35.972, 0.416$, and $36, 35.737, 0.924$ is the 20% darker color. If you saturate the color by 10%, you get $52, 44.331, 2.323$, and if you desaturate by 10%, it is $61, 27.499, 358.776$.

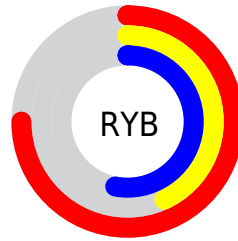
Distribution



Red (75%)

Green (43%)

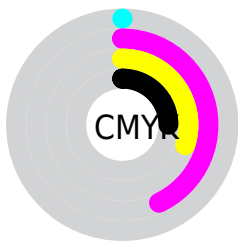
Blue (53%)



Red (75%)

Yellow (43%)

Blue (53%)

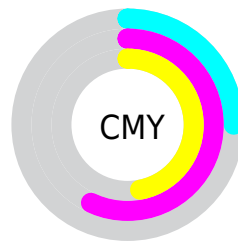


Cyan (0%)

Magenta (43%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 36.047, 0.371 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, 36.047, 0.371 by changing the saturation by 10% instead.

 56, 36.047, 0.371  56, 36.047, 0.371

 100, 36.047, 0.371  46, 36.047, 0.371

 76, 36.047, 0.371  36, 36.047, 0.371



 86, 36.047, 0.371  26, 36.047, 0.371

 96, 36.047, 0.371  16, 36.047, 0.371

 6, 36.047, 0.371

 0, 36.047, 0.371

 56, 36.047, 0.371  56, 36.047, 0.371

 52, 44.331, 2.323  61, 27.499,
358.776

 48, 52.006, 4.754

45, 58.682, 7.826

66, 18.962,
357.438

43, 64.060, 11.709

71, 10.606,
356.285

41, 68.105, 16.510

76, 2.533, 355.164

40, 70.477, 20.079

81, 5.210, 174.567

87, 12.607,
173.743

92, 19.667,
173.035

96, 22.488,
178.719

96, 20.570,
196.372

Harmonies

Complementary

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



56, 36.047, 0.371



72, 31.893, 170.546

Rectangle

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



56, 36.047, 0.371



56, 36.047, 50.371



56, 36.047, 180.371



56, 36.047, 230.371

Sweetspot

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



56, 36.044, 0.373



90, 12.918, 356.284



55, 51.012, 317.032



46, 9.076, 356.529



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



56, 36.044, 0.373



67, 53.655, 2.240



59, 31.200, 38.023



38, 4.549, 355.873



34, 61.501, 19.248



3, 14.666, 2.817

Inverse Universe

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



56, 36.044, 0.373



67, 53.655, 2.240



68, 22.689, 219.695



38, 4.549, 355.873



34, 61.501, 19.248



3, 14.666, 2.817

Previews

White Background



This preview shows how the CIELCh color 56, 36.047, 0.371 looks on a white background.

Color Contrast Check

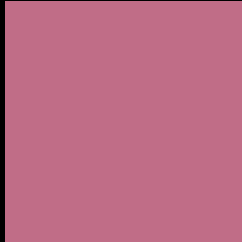
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 56, 36.047, 0.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

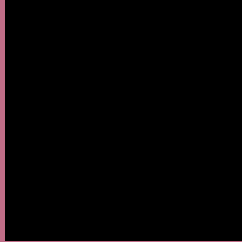
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 36.047, 0.371

Background



This preview shows how black text looks on a background with the CIELCh color 56, 36.047, 0.371.



This preview shows how white text looks on a background with the CIELCh color 56, 36.047, 0.371.

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, 36.047, 0.371

Protanopia

56, 9.158, 288.924

Deuteranopia

56, 7.696, 15.945



Tritanopia
56, 33.416, 15.909

Trichromacy



Original Color
56, 36.047, 0.371

Protanomaly
56, 16.105, 335.993

Deuteranomaly
56, 18.339, 3.550

Tritanomaly
56, 33.852, 10.394

Monochromacy



Original Color
56, 36.047, 0.371

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.067, 357.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 36.047, 0.371 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(192, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(192, 109, 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(192, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 109, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 36.047, 0.371 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(192, 109, 135) }
```

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

```
.border{ border-color:rgb(192, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 109, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 109, 135); box-shadow:4px 4px 4px 4px rgb(192, 109, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 36.047, 0.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 109, 135) }
```

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

```
.background{ background-color: rgb(192,  
109, 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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