

Converting Colors

CIELCh(48, 69.352, 7.169)

Have a look what the booklet for
CIELCh(48, 69.352, 7.169) contains.

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Color

CIELCh(48, 69.336, 6.963)

Conversions

Conversions Part 1

Format	Color
Hex	D72667
RGB	215, 38, 103
RGB Percent	84%, 15%, 40%
CMY	0.1571, 0.8513, 0.5963
CMYK	0.00, 0.82, 0.52, 0.16
HSL	338°, 70%, 50%
HSV	338°, 82%, 84%
XYZ	31.1388, 16.7945, 14.4177
YIQ	98.3330, 84.6270, 57.7390

Conversions

Conversions Part 2

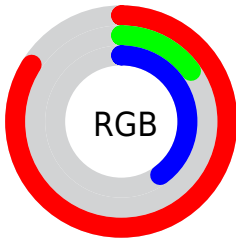
Format	Color
R_{YB}	215, 38, 103
Decimal	14100071
CIE Lab	48.00, 68.82, 8.41
CIE LCh	48, 69.336, 6.963
Yxy	16.7945, 0.4994, 0.2694
Android (android.graphics.Color)	4292290151 (0xFFD72667)
YUV	98.3330, 2.3008, 102.3170
Hunter-Lab	40.9810, 63.9136, 7.8277

Details

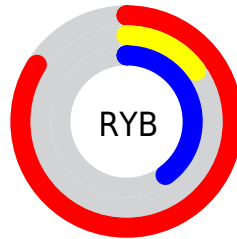
The CIELCh color **48, 69.336, 6.963** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **77, 60.826, 160.496**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 61.828, 2.611**, and **32, 58.457, 13.712** is the 20% darker color. If you saturate the color by 10%, you get **46, 73.089, 11.478**, and if you desaturate by 10%, it is **51, 63.883, 3.367**.

Distribution



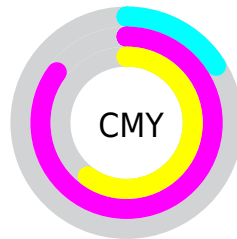
- Red (84%)
- Green (15%)
- Blue (40%)



- Red (84%)
- Yellow (15%)
- Blue (40%)



- Cyan (0%)
- Magenta (82%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 69.336, 6.963 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 48, 69.336, 6.963 by changing the saturation by 10% instead.

 48, 69.336, 6.963  48, 69.336, 6.963

 100, 69.336, 6.963  38, 69.336, 6.963

 68, 69.336, 6.963  28, 69.336, 6.963


 78, 69.336, 6.963  18, 69.336, 6.963

 88, 69.336, 6.963  8, 69.336, 6.963

 98, 69.336, 6.963  0, 69.336, 6.963

 48, 69.336, 6.963  48, 69.336, 6.963

 46, 73.089, 11.478  51, 63.883, 3.367

 46, 75.242, 15.425  54, 56.822, 0.535

 58, 48.523,

358.288

63, 39.447,
356.473

68, 30.005,
354.972

73, 20.510,
353.700

79, 11.166,
352.590

85, 2.097, 351.448

90, 6.638, 170.900

Harmonies

Complementary

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



48, 69.336, 6.963



77, 60.826, 160.496

Rectangle

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



48, 69.336, 6.963



48, 69.336, 56.963



48, 69.336, 186.963



48, 69.336, 236.963

Sweetspot

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



48, 69.332, 6.965



84, 26.442, 354.047



42, 98.352, 315.685



42, 18.111, 354.496



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 69.332, 6.965



54, 85.455, 15.482



49, 76.244, 38.691



42, 5.089, 352.283



36, 63.231, 14.473



5, 22.551, 2.585

Inverse Universe

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



48, 69.332, 6.965



54, 85.455, 15.482



72, 37.664, 214.468



42, 5.089, 352.283



36, 63.231, 14.473



5, 22.551, 2.585

Previews

White Background



This preview shows how the CIELCh color 48, 69.336, 6.963 looks on a white 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

Black Background



This preview shows how the CIELCh color 48, 69.336, 6.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

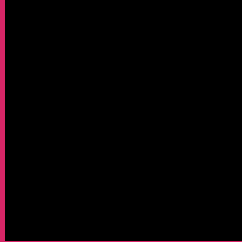
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 69.336, 6.963

Background



This preview shows how black text looks on a background with the CIELCh color 48, 69.336, 6.963.



This preview shows how white text looks on a background with the CIELCh color 48, 69.336, 6.963.

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
48, 69.336, 6.963

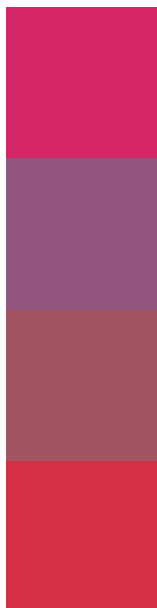
Protanopia
48, 16.571, 284.835

Deuteranopia
48, 13.510, 60.521



Tritanopia
48, 72.374, 31.620

Trichromacy



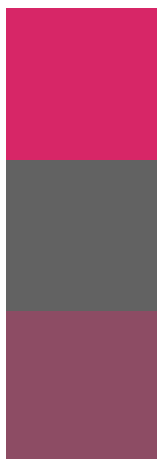
Original Color
48, 69.336, 6.963

Protanomaly
45, 33.998, 337.838

Deuteranomaly
46, 34.721, 11.416

Tritanomaly
48, 69.805, 23.023

Monochromacy



Original Color
48, 69.336, 6.963

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 30.464, 356.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 69.336, 6.963 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(215, 38, 103)` looks like.

```
.text, #text, p{  
    color:rgb(215, 38, 103)  
}
```

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(215, 38, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 38, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 69.336, 6.963 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(215, 38, 103) }
```

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

```
.border{ border-color:rgb(215, 38, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 38, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 38, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 38, 103); box-shadow:4px 4px 4px 4px rgb(215, 38, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 69.336, 6.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 38, 103) }
```

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

```
.background{ background-color: rgb(215, 38,  
103) }
```

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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