

Converting Colors

CIELCh(51, 62.294, 4.095)

Have a look what the booklet for
CIELCh(51, 62.294, 4.095) contains.

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Color

CIELCh(51, 62.019, 4.287)

Conversions

Conversions Part 1

Format	Color
Hex	D64074
RGB	214, 64, 116
RGB Percent	84%, 25%, 45%
CMY	0.1602, 0.7484, 0.5446
CMYK	0.00, 0.70, 0.46, 0.16
HSL	339°, 65%, 55%
HSV	339°, 70%, 84%
XYZ	32.7799, 19.2686, 18.5543
YIQ	114.7780, 72.7080, 47.9720

Conversions

Conversions Part 2

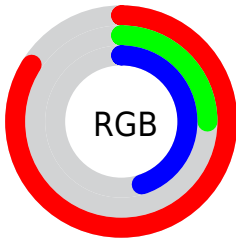
Format	Color
R_{YB}	214, 64, 116
Decimal	14041204
CIE _{Lab}	51.00, 61.85, 4.64
CIE _{LCh}	51, 62.019, 4.287
Yxy	19.2686, 0.4643, 0.2729
Android (android.graphics.Color)	4292231284 (0xFFD64074)
YUV	114.7780, 0.6024, 87.0177
Hunter-Lab	43.8960, 56.4790, 5.6661

Details

The CIELCh color **51, 62.019, 4.287** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **77, 53.244, 164.226**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 55.153, 359.895**, and **32, 57.933, 6.875** is the 20% darker color. If you saturate the color by 10%, you get **48, 68.004, 7.804**, and if you desaturate by 10%, it is **55, 54.557, 1.519**.

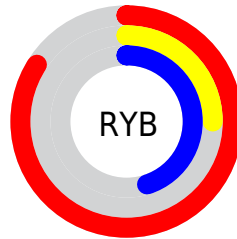
Distribution



Red (84%)

Green (25%)

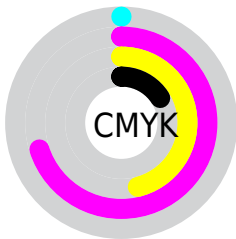
Blue (45%)



Red (84%)

Yellow (25%)

Blue (45%)

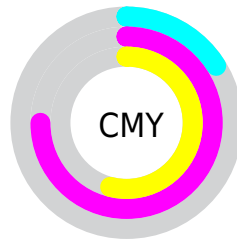


Cyan (0%)

Magenta (70%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 62.019, 4.287 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 51, 62.019, 4.287 by changing the saturation by 10% instead.

 51, 62.019, 4.287  51, 62.019, 4.287

 100, 62.019, 4.287  41, 62.019, 4.287

 71, 62.019, 4.287  31, 62.019, 4.287

 81, 62.019, 4.287  21, 62.019, 4.287

 91, 62.019, 4.287  11, 62.019, 4.287

 1, 62.019, 4.287

 0, 62.019, 4.287

 51, 62.019, 4.287  51, 62.019, 4.287

 48, 68.004, 7.804  55, 54.557, 1.519

 46, 72.368, 12.224  59, 46.023,

45, 75.569, 17.414

359.319

64, 36.862,
357.539

69, 27.454,
356.064

74, 18.075,
354.812

80, 8.903, 353.713

86, 0.038, 340.081

92, 8.474, 172.053

97, 15.593,
173.381

Harmonies

Complementary

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



51, 62.019, 4.287



77, 53.244, 164.226

Rectangle

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



51, 62.019, 4.287



51, 62.019, 54.287



51, 62.019, 184.287



51, 62.019, 234.287

Sweetspot

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



51, 62.016, 4.289



86, 21.864, 354.950



47, 87.077, 316.743



44, 14.858, 355.286



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 62.016, 4.289



56, 80.193, 9.806



53, 62.114, 38.170



42, 5.029, 353.648



36, 63.632, 16.458



5, 22.453, 3.764

Inverse Universe

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



51, 62.016, 4.289



56, 80.193, 9.806



72, 34.631, 218.115



42, 5.029, 353.648



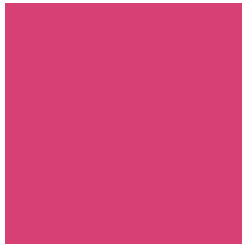
36, 63.632, 16.458



5, 22.453, 3.764

Previews

White Background



This preview shows how the CIELCh color 51, 62.019, 4.287 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 51, 62.019, 4.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

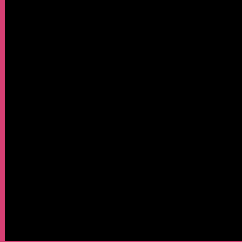
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 62.019, 4.287

Background



This preview shows how black text looks on a background with the CIELCh color 51, 62.019, 4.287.

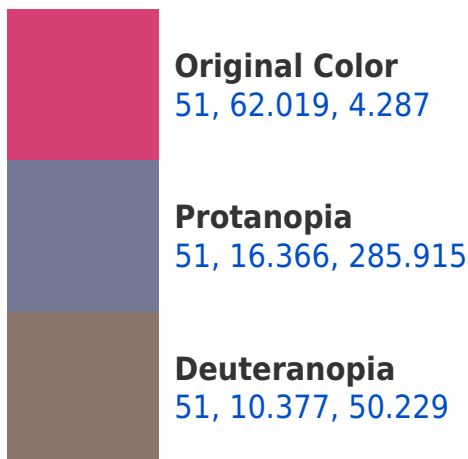


This preview shows how white text looks on a background with the CIELCh color 51, 62.019, 4.287.

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
51, 61.541, 27.140

Trichromacy



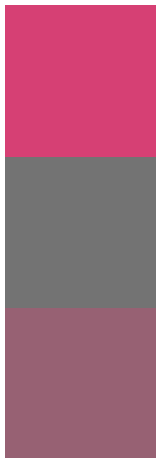
Original Color
51, 62.019, 4.287

Protanomaly
49, 29.407, 336.232

Deuteranomaly
50, 29.560, 7.812

Tritanomaly
51, 60.543, 19.055

Monochromacy



Original Color
51, 62.019, 4.287

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 24.568, 357.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 62.019, 4.287 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(214, 64, 116)` looks like.

```
.text, #text, p{  
    color:rgb(214, 64, 116)  
}
```

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(214, 64, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 64, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 62.019, 4.287 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(214, 64, 116) }
```

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

```
.border{ border-color:rgb(214, 64, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 64, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 64, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 64, 116);  
box-shadow:4px 4px 4px 4px rgb(214, 64,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 62.019, 4.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 64, 116) }
```

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

```
.background{ background-color: rgb(214, 64,  
116) }
```

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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