

Converting Colors

CIELCh(52, 62.190, 5.385)

Have a look what the booklet for
CIELCh(52, 62.190, 5.385) contains.

CIELCh(52, 62.264, 5.282)	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(52, 62.264, 5.282)

Conversions

Conversions Part 1

Format	Color
Hex	DA4375
RGB	218, 67, 117
RGB Percent	85%, 26%, 46%
CMY	0.1459, 0.7380, 0.5418
CMYK	0.00, 0.69, 0.46, 0.15
HSL	340°, 67%, 56%
HSV	340°, 69%, 85%
XYZ	34.0480, 20.1443, 18.8715
YIQ	117.8490, 73.9460, 47.5620

Conversions

Conversions Part 2

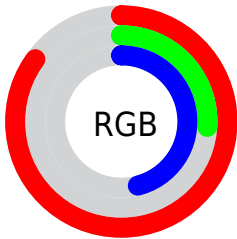
Format	Color
R_{YB}	218, 67, 117
Decimal	14304117
CIE _{Lab}	52.00, 62.00, 5.73
CIE _{LCh}	52, 62.264, 5.282
Yxy	20.1443, 0.4660, 0.2757
Android (android.graphics.Color)	4292494197 (0xFFDA4375)
YUV	117.8490, -0.4186, 87.8324
Hunter-Lab	44.8824, 56.8666, 6.4884

Details

The CIELCh color **52, 62.264, 5.282** 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 **78, 52.771, 165.376**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 53.849, 0.186**, and **33, 59.041, 7.454** is the 20% darker color. If you saturate the color by 10%, you get **49, 68.557, 8.827**, and if you desaturate by 10%, it is **56, 54.543, 2.493**.

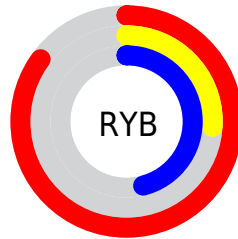
Distribution



Red (85%)

Green (26%)

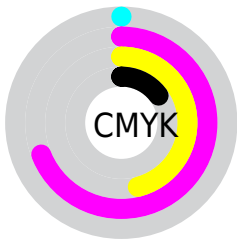
Blue (46%)



Red (85%)

Yellow (26%)

Blue (46%)

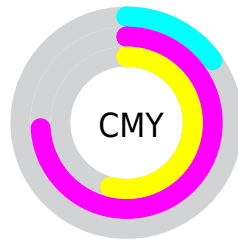


Cyan (0%)

Magenta (69%)

Yellow (46%)

Black (15%)



Cyan (15%)

Magenta (74%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 62.264, 5.282 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 52, 62.264, 5.282 by changing the saturation by 10% instead.

 52, 62.264, 5.282  52, 62.264, 5.282

 100, 62.264, 5.282  42, 62.264, 5.282


 72, 62.264, 5.282  32, 62.264, 5.282

 82, 62.264, 5.282  22, 62.264, 5.282


 92, 62.264, 5.282  12, 62.264, 5.282

 2, 62.264, 5.282

 0, 62.264, 5.282

 52, 62.264, 5.282  52, 62.264, 5.282

 49, 68.557, 8.827  56, 54.543, 2.493

 47, 73.261, 13.276  60, 45.806, 0.277

46, 76.766, 18.550

65, 36.492,
358.486

46, 77.010, 18.905

70, 26.975,
357.005

76, 17.524,
355.750

82, 8.307, 354.647

87, 0.583, 174.623

93, 9.103, 172.993

97, 13.258,
182.689

Harmonies

Complementary

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



52, 62.264, 5.282



78, 52.771, 165.376

Rectangle

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



52, 62.264, 5.282



52, 62.264, 55.282



52, 62.264, 185.282



52, 62.264, 235.282

Sweetspot

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



52, 62.261, 5.284



86, 21.706, 355.969



49, 87.519, 317.238



44, 14.753, 356.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 62.261, 5.284



56, 79.782, 10.673



55, 61.631, 39.120



43, 5.086, 354.658



36, 64.700, 17.944



6, 23.991, 5.258

Inverse Universe

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



52, 62.261, 5.284



56, 79.782, 10.673



72, 34.666, 220.751



43, 5.086, 354.658



36, 64.700, 17.944



6, 23.991, 5.258

Previews

White Background



This preview shows how the CIELCh color 52, 62.264, 5.282 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 52, 62.264, 5.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

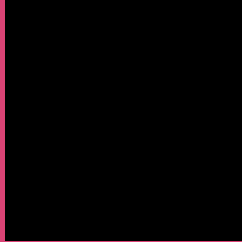
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 62.264, 5.282

Background



This preview shows how black text looks on a background with the CIELCh color 52, 62.264, 5.282.

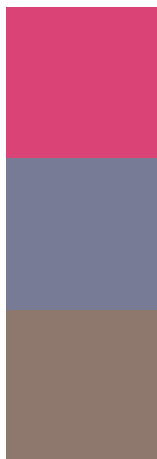


This preview shows how white text looks on a background with the CIELCh color 52, 62.264, 5.282.

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

52, 62.264, 5.282

Protanopia

52, 15.139, 286.556

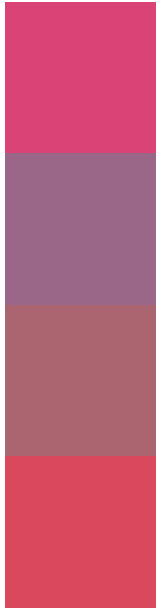
Deuteranopia

52, 11.382, 53.951



Tritanopia
52, 62.204, 27.102

Trichromacy



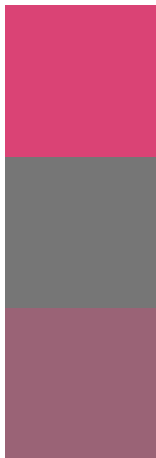
Original Color
52, 62.264, 5.282

Protanomaly
50, 28.191, 338.759

Deuteranomaly
51, 29.724, 11.281

Tritanomaly
52, 61.216, 19.129

Monochromacy



Original Color
52, 62.264, 5.282

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 25.055, 356.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 62.264, 5.282 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, 67, 117)` looks like.

```
.text, #text, p{  
    color:rgb(218, 67, 117)  
}
```

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, 67, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 67, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 62.264, 5.282 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, 67, 117) }
```

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

```
.border{ border-color:rgb(218, 67, 117) }
```

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

Here you see how a box with a 4 pixel rgb(218, 67, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 67, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 67, 117);  
box-shadow:4px 4px 4px 4px rgb(218, 67,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 62.264, 5.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 67, 117) }
```

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

```
.background{ background-color: rgb(218, 67,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor