

Converting Colors

CIELCh(49, 73.260, 10.202)

Have a look what the booklet for
CIELCh(49, 73.260, 10.202) contains.

CIELCh(49, 73.096, 10.243)	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(49, 73.096, 10.243)

Conversions

Conversions Part 1

Format	Color
Hex	DF1F62
RGB	223, 31, 98
RGB Percent	87%, 12%, 38%
CMY	0.1248, 0.8773, 0.6152
CMYK	0.00, 0.86, 0.56, 0.12
HSL	339°, 75%, 50%
HSV	339°, 86%, 88%
XYZ	33.1924, 17.5941, 13.2345
YIQ	96.0460, 92.9250, 61.5410

Conversions

Conversions Part 2

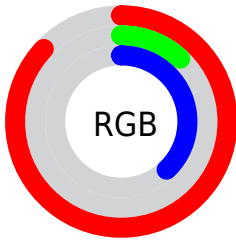
Format	Color
R_{YB}	223, 31, 98
Decimal	14622562
CIE Lab	49.00, 71.93, 13.00
CIE LCh	49, 73.096, 10.243
Yxy	17.5941, 0.5185, 0.2748
Android (android.graphics.Color)	4292812642 (0xFFDF1F62)
YUV	96.0460, 0.9633, 111.3387
Hunter-Lab	41.9453, 67.8477, 10.6546

Details

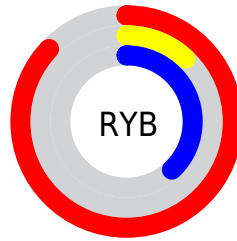
The CIELCh color **49, 73.096, 10.243** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **79, 62.959, 161.002**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.672, 4.888**, and **34, 61.358, 18.359** is the 20% darker color. If you saturate the color by 10%, you get **48, 76.651, 15.248**, and if you desaturate by 10%, it is **51, 67.958, 6.188**.

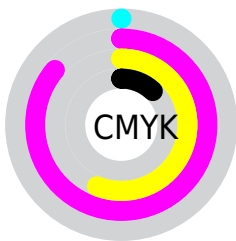
Distribution



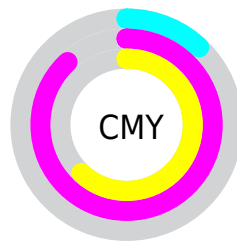
- Red (87%)
- Green (12%)
- Blue (38%)



- Red (87%)
- Yellow (12%)
- Blue (38%)



- Cyan (0%)
- Magenta (86%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (88%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 73.096, 10.243 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 49, 73.096, 10.243 by changing the saturation by 10% instead.

 49, 73.096, 10.243

 49, 73.096, 10.243

 100, 73.096,
10.243

 39, 73.096, 10.243

 69, 73.096, 10.243

 29, 73.096, 10.243

 79, 73.096, 10.243

 19, 73.096, 10.243

 89, 73.096, 10.243

 9, 73.096, 10.243

 99, 73.096, 10.243

 0, 73.096, 10.243

 49, 73.096, 10.243

 49, 73.096, 10.243

 48, 76.651, 15.248

 51, 67.958, 6.188

 47, 77.940, 17.389

 54, 61.150, 2.985

■ 58, 52.955, 0.459

■ 63, 43.825,
358.440

■ 68, 34.207,
356.792

■ 74, 24.458,
355.414

■ 79, 14.821,
354.231

■ 85, 5.448, 353.158

■ 91, 3.584, 172.494

Harmonies

Complementary

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



49, 73.096, 10.243



79, 62.959, 161.002

Rectangle

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



49, 73.096, 10.243



49, 73.096, 60.243



49, 73.096, 190.243



49, 73.096, 240.243

Sweetspot

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



49, 73.092, 10.245



83, 27.283, 355.441



43, 103.400, 316.529



42, 18.570, 355.898



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 73.092, 10.245



54, 86.359, 17.849



51, 80.974, 40.695



44, 5.232, 353.529



37, 65.022, 16.415



6, 25.478, 4.962

Inverse Universe

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



49, 73.092, 10.245



54, 86.359, 17.849



72, 38.529, 221.289



44, 5.232, 353.529



37, 65.022, 16.415



6, 25.478, 4.962

Previews

White Background



This preview shows how the CIELCh color 49, 73.096, 10.243 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 49, 73.096, 10.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

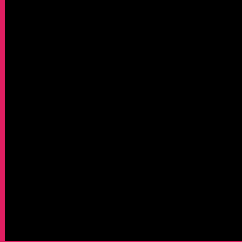
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 73.096, 10.243

Background



This preview shows how black text looks on a background with the CIELCh color 49, 73.096, 10.243.

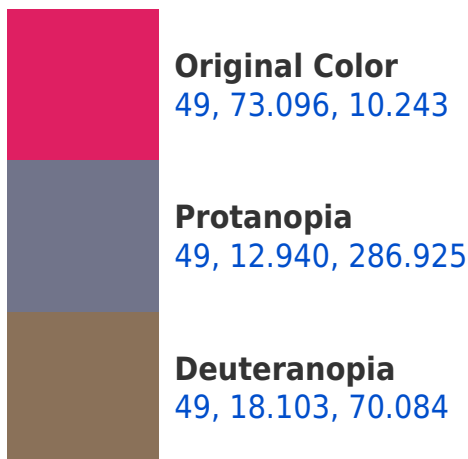


This preview shows how white text looks on a background with the CIELCh color 49, 73.096, 10.243.

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](#).

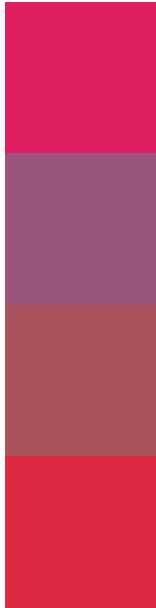
Dichromacy





Tritanopia
49, 77.991, 33.239

Trichromacy



Original Color
49, 73.096, 10.243

Protanomaly
45, 34.853, 343.881

Deuteranomaly
46, 37.895, 17.477

Tritanomaly
49, 75.075, 25.511

Monochromacy



Original Color
49, 73.096, 10.243

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 32.590, 358.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 73.096, 10.243 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(223, 31, 98)` looks like.

```
.text, #text, p{  
    color:rgb(223, 31, 98)  
}
```

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(223, 31, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 31, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 73.096, 10.243 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(223, 31, 98) }
```

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

```
.border{ border-color:rgb(223, 31, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 31, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 31, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 31, 98);  
box-shadow:4px 4px 4px 4px rgb(223, 31,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 73.096, 10.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 31, 98) }
```

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

```
.background{ background-color: rgb(223, 31,  
98) }
```

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