

Converting Colors

CIELCh(47, 52.979, 329.689)

Have a look what the booklet for
CIELCh(47, 52.979, 329.689)
contains.

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Color

CIELCh(47, 53.184, 329.631)

Conversions

Conversions Part 1

Format	Color
Hex	A44F9D
RGB	164, 79, 157
RGB Percent	64%, 31%, 62%
CMY	0.3554, 0.6888, 0.3829
CMYK	0.00, 0.52, 0.04, 0.36
HSL	305°, 35%, 48%
HSV	305°, 52%, 64%
XYZ	24.3224, 16.0195, 33.8667
YIQ	113.3070, 25.6220, 42.2780

Conversions

Conversions Part 2

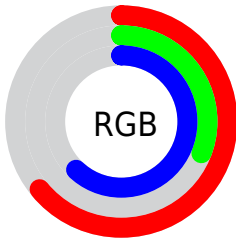
Format	Color
RYB	164, 79, 157
Decimal	10768285
CIELab	47.00, 45.89, -26.89
CIELCh	47, 53.184, 329.631
Yxy	16.0195, 0.3278, 0.2159
Android (android.graphics.Color)	4288958365 (0xFFA44F9D)
YUV	113.3070, 21.5406, 44.4578
Hunter-Lab	40.0243, 38.4301, -22.1513

Details

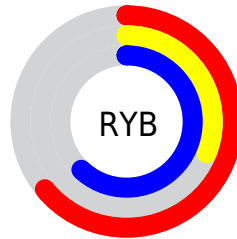
The CIELCh color $47, 53.184, 329.631$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $61, 53.549, 142.420$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 53.017, 329.661$, and $27, 52.857, 329.854$ is the 20% darker color. If you saturate the color by 10%, you get $44, 61.611, 330.140$, and if you desaturate by 10%, it is $50, 43.683, 329.093$.

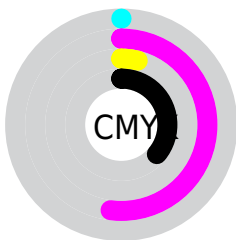
Distribution



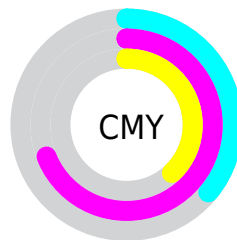
- Red (64%)
- Green (31%)
- Blue (62%)



- Red (64%)
- Yellow (31%)
- Blue (62%)



- Cyan (0%)
- Magenta (52%)
- Yellow (4%)
- Black (36%)





- Cyan (36%)
- Magenta (69%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 53.184, 329.631 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 47, 53.184, 329.631 by changing the saturation by 10% instead.


 47, 53.184,
329.631


 47, 53.184,
329.631


 100, 53.184,
329.631


 37, 53.184,
329.631

 67, 53.184,
329.631


 27, 53.184,
329.631

 77, 53.184,
329.631

 17, 53.184,
329.631

 87, 53.184,
329.631

 7, 53.184, 329.631

 97, 53.184,
329.631

 0, 53.184, 329.631

 47, 53.184,

 47, 53.184,

329.631

■ 44, 61.611,
330.140

■ 42, 68.549,
330.614

■ 40, 73.629,
331.050

■ 39, 76.658,
331.457

■ 38, 78.025,
331.780

329.631

■ 50, 43.683,
329.093

■ 54, 33.511,
328.534

■ 58, 22.991,
327.963

■ 62, 12.368,
327.386

■ 67, 1.813, 326.713

■ 71, 8.561, 146.327

■ 76, 18.688,
145.784

■ 80, 28.530,
145.274

■ 85, 38.074,
144.791

Harmonies

Complementary

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



47, 53.184, 329.631



61, 53.549, 142.420

Rectangle

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



47, 53.184, 329.631



47, 53.184, 19.631



47, 53.184, 149.631



47, 53.184, 199.631

Sweetspot

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



47, 53.182, 329.631



77, 20.977, 327.651



38, 52.037, 299.303



39, 14.146, 327.762



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



47, 53.182, 329.631



57, 76.362, 330.210



45, 39.586, 353.436



32, 5.924, 327.242



33, 71.343, 331.741



1, 9.012, 327.492

Inverse Universe

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



47, 53.182, 329.631



57, 76.362, 330.210



62, 36.520, 161.884



32, 5.924, 327.242



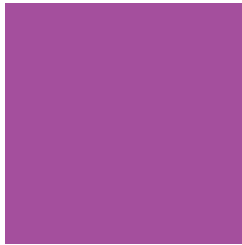
33, 71.343, 331.741



1, 9.012, 327.492

Previews

White Background



This preview shows how the CIELCh color 47, 53.184, 329.631 looks on a white background.

Color Contrast Check

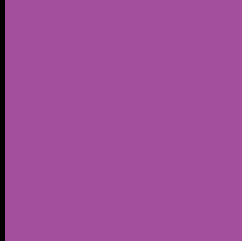
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 53.184, 329.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

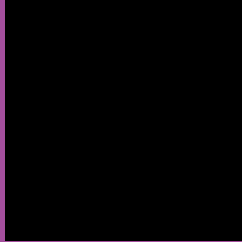
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 53.184, 329.631

Background



This preview shows how black text looks on a background with the CIELCh color 47, 53.184, 329.631.

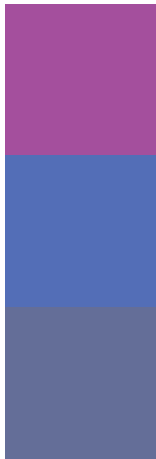


This preview shows how white text looks on a background with the CIELCh color 47, 53.184, 329.631.

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

47, 53.184, 329.631

Protanopia

48, 43.312, 285.723

Deuteranopia

47, 24.966, 285.693



Tritanopia
47, 28.410, 15.277

Trichromacy



Original Color
47, 53.184, 329.631

Protanomaly
46, 44.800, 301.446

Deuteranomaly
46, 33.856, 308.714

Tritanomaly
47, 34.309, 350.742

Monochromacy



Original Color
47, 53.184, 329.631

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 21.033, 327.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 53.184, 329.631 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(164, 79, 157)` looks like.

```
.text, #text, p{  
    color:rgb(164, 79, 157)  
}
```

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(164, 79, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 79, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 53.184, 329.631 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(164, 79, 157) }
```

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

```
.border{ border-color:rgb(164, 79, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 79, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 79, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 79, 157);  
box-shadow:4px 4px 4px 4px rgb(164, 79,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 53.184, 329.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 79, 157) }
```

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

```
.background{ background-color: rgb(164, 79,  
157) }
```

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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