

Converting Colors

CIELCh(49, 20.802, 353.231)

Have a look what the booklet for
CIELCh(49, 20.802, 353.231)
contains.

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Color

CIELCh(49, 20.829, 353.887)

Conversions

Conversions Part 1

Format	Color
Hex	956879
RGB	149, 104, 121
RGB Percent	58%, 41%, 47%
CMY	0.4167, 0.5931, 0.5264
CMYK	0.00, 0.30, 0.19, 0.42
HSL	337°, 18%, 50%
HSV	337°, 30%, 58%
XYZ	20.7120, 17.5941, 20.3171
YIQ	119.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

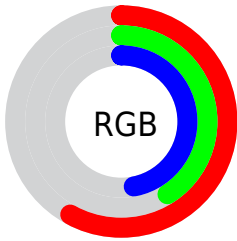
Format	Color
R_{YB}	149, 104, 121
Decimal	9791609
CIE Lab	49.00, 20.71, -2.22
CIE LCh	49, 20.829, 353.887
Yxy	17.5941, 0.3533, 0.3001
Android (android.graphics.Color)	4287981689 (0xFF956879)
YUV	119.3930, 0.7923, 25.9653
Hunter-Lab	41.9453, 14.7365, 0.6433

Details

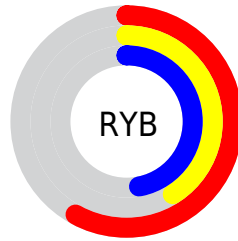
The CIELCh color $49, 20.829, 353.887$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 19.536, 167.916$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 20.583, 354.703$, and $29, 20.958, 352.845$ is the 20% darker color. If you saturate the color by 10%, you get $45, 27.874, 355.258$, and if you desaturate by 10%, it is $53, 13.782, 352.713$.

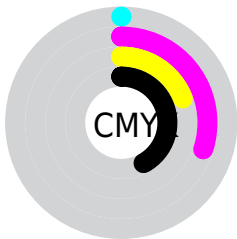
Distribution



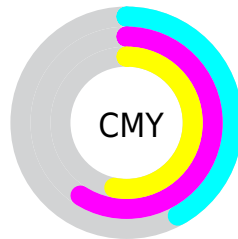
- Red (58%)
- Green (41%)
- Blue (47%)



- Red (58%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 20.829, 353.887 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, 20.829, 353.887 by changing the saturation by 10% instead.


 49, 20.829,
353.887

 49, 20.829,
353.887


 100, 20.829,
353.887

 39, 20.829,
353.887

 69, 20.829,
353.887

 29, 20.829,
353.887

 79, 20.829,
353.887

 19, 20.829,
353.887

 89, 20.829,
353.887

 9, 20.829, 353.887

 99, 20.829,
353.887

 0, 20.829, 353.887

 49, 20.829,

 49, 20.829,

353.887

353.887

45, 27.874,
355.258

53, 13.782,
352.713

42, 34.727,
356.889

57, 6.869, 351.670

38, 41.114,
358.878

62, 0.162, 348.590

66, 6.302, 170.075

36, 46.712, 1.352

70, 12.509,
169.318

33, 51.215, 4.469

75, 18.464,
168.646

32, 54.458, 8.393

31, 56.868, 12.808

79, 24.177,
168.034

83, 29.664,
167.472

88, 34.944,

Harmonies

Complementary

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



49, 20.829, 353.887



58, 19.536, 167.916

Rectangle

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



49, 20.829, 353.887



49, 20.829, 43.887



49, 20.829, 173.887



49, 20.829, 223.887

Sweetspot

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



49, 20.827, 353.889



74, 7.479, 351.564



48, 28.501, 314.323



38, 5.193, 351.697



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



49, 20.827, 353.889



60, 30.903, 354.753



50, 17.581, 31.279



29, 3.766, 351.565



28, 53.712, 12.402



1, 3.245, 350.796

Inverse Universe

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



49, 20.827, 353.889



60, 30.903, 354.753



57, 14.261, 210.354



29, 3.766, 351.565



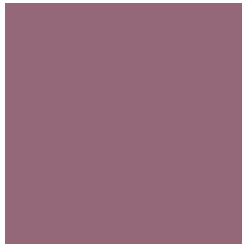
28, 53.712, 12.402



1, 3.245, 350.796

Previews

White Background



This preview shows how the CIELCh color 49, 20.829, 353.887 looks on a white background.

Color Contrast Check

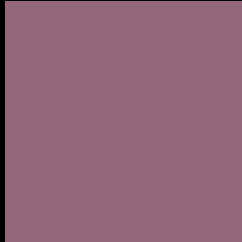
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 20.829, 353.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

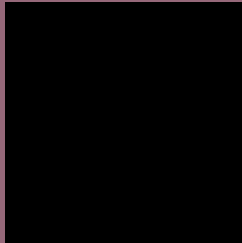
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 20.829, 353.887

Background



This preview shows how black text looks on a background with the CIELCh color 49, 20.829, 353.887.



This preview shows how white text looks on a background with the CIELCh color 49, 20.829, 353.887.

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
49, 20.829, 353.887

Protanopia
49, 7.054, 287.969

Deuteranopia
49, 6.706, 348.590



Tritanopia
49, 18.602, 7.402

Trichromacy



Original Color
49, 20.829, 353.887

Protanomaly
49, 9.737, 328.955

Deuteranomaly
49, 11.763, 351.097

Tritanomaly
49, 18.938, 2.211

Monochromacy



Original Color
49, 20.829, 353.887

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 8.049, 349.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 20.829, 353.887 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(149, 104, 121)` looks like.

```
.text, #text, p{  
    color:rgb(149, 104, 121)  
}
```

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(149, 104, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 104, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 20.829, 353.887 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(149, 104, 121) }
```

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

```
.border{ border-color:rgb(149, 104, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 104, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 104, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 104, 121);  
box-shadow:4px 4px 4px 4px rgb(149, 104,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 20.829, 353.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 104, 121) }
```

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

```
.background{ background-color: rgb(149,  
104, 121) }
```

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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