

Converting Colors

CIELCh(41, 49.171, 335.147)

Have a look what the booklet for
CIELCh(41, 49.171, 335.147)
contains.

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Color

CIELCh(41, 49.181, 335.174)

Conversions

Conversions Part 1

Format	Color
Hex	964083
RGB	150, 64, 131
RGB Percent	59%, 25%, 51%
CMY	0.4105, 0.7478, 0.4851
CMYK	0.00, 0.57, 0.13, 0.41
HSL	313°, 40%, 42%
HSV	313°, 57%, 59%
XYZ	18.6074, 11.8645, 22.8924
YIQ	97.3520, 29.7490, 39.0690

Conversions

Conversions Part 2

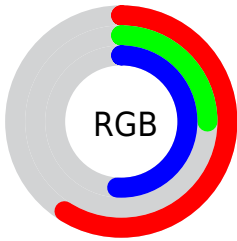
Format	Color
R_{YB}	150, 64, 131
Decimal	9846915
CIE _{Lab}	41.00, 44.64, -20.65
CIE _{LCh}	41, 49.181, 335.174
Yxy	11.8645, 0.3487, 0.2223
Android (android.graphics.Color)	4288036995 (0xFF964083)
YUV	97.3520, 16.5885, 46.1723
Hunter-Lab	34.4449, 36.1482, -15.2932

Details

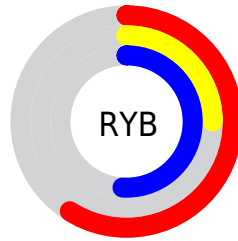
The CIELCh color $[41, 49.181, 335.174]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[56, 49.470, 145.983]$, and the grayscale version is $[41, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 49.083, 335.189]$, and $[21, 48.988, 335.176]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 55.722, 335.978]$, and if you desaturate by 10%, it is $[44, 41.522, 334.419]$.

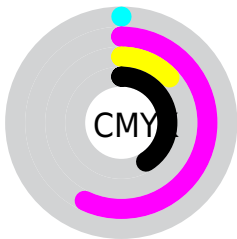
Distribution



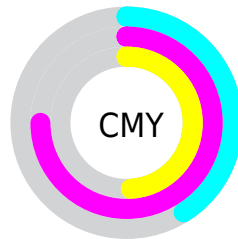
- Red (59%)
- Green (25%)
- Blue (51%)



- Red (59%)
- Yellow (25%)
- Blue (51%)



- Cyan (0%)
- Magenta (57%)
- Yellow (13%)
- Black (41%)




- Cyan (41%)
- Magenta (75%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 49.181, 335.174 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 41, 49.181, 335.174 by changing the saturation by 10% instead.


 41, 49.181,
335.174


 41, 49.181,
335.174


 100, 49.181,
335.174


 31, 49.181,
335.174

 61, 49.181,
335.174


 21, 49.181,
335.174

 71, 49.181,
335.174

 11, 49.181,
335.174


 81, 49.181,
335.174

 1, 49.181, 335.174

 91, 49.181,
335.174

 0, 49.181, 335.174

 41, 49.181,

 41, 49.181,

335.174

■ 38, 55.722,
335.978

■ 36, 60.766,
336.851

■ 35, 64.014,
337.828

■ 34, 65.522,
338.935

■ 34, 65.862,
339.248

335.174

■ 44, 41.522,
334.419

■ 48, 33.131,
333.699

■ 51, 24.329,
333.007

■ 55, 15.362,
332.339

■ 59, 6.402, 331.681

■ 63, 2.436, 151.218

■ 68, 11.081,
150.557

■ 72, 19.497,
149.995

■ 76, 27.665,
149.468

Harmonies

Complementary

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



41, 49.181, 335.174



56, 49.470, 145.983

Rectangle

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



41, 49.181, 335.174



41, 49.181, 25.174



41, 49.181, 155.174



41, 49.181, 205.174

Sweetspot

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



41, 49.179, 335.174



71, 18.858, 332.348



33, 53.905, 303.905



36, 12.722, 332.468



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 49.179, 335.174



49, 70.068, 336.247



39, 38.749, 5.228



29, 4.951, 331.813



31, 61.857, 339.142



1, 4.302, 331.275

Inverse Universe

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



41, 49.179, 335.174



49, 70.068, 336.247



57, 32.450, 170.957



29, 4.951, 331.813



31, 61.857, 339.142



1, 4.302, 331.275

Previews

White Background



This preview shows how the CIELCh color 41, 49.181, 335.174 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 41, 49.181, 335.174 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 41, 49.181, 335.174

Background



This preview shows how black text looks on a background with the CIELCh color 41, 49.181, 335.174.



This preview shows how white text looks on a background with the CIELCh color 41, 49.181, 335.174.

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

41, 49.181, 335.174

Protanopia

41, 37.132, 285.891

Deuteranopia

41, 18.230, 287.145



Tritanopia
41, 31.125, 17.986

Trichromacy



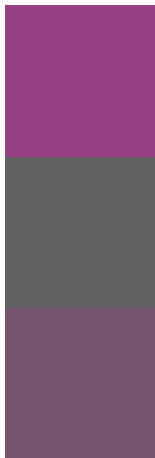
Original Color
41, 49.181, 335.174

Protanomaly
40, 38.946, 304.397

Deuteranomaly
40, 28.948, 315.848

Tritanomaly
41, 34.854, 357.333

Monochromacy



Original Color
41, 49.181, 335.174

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 19.226, 333.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 49.181, 335.174 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(150, 64, 131)` looks like.

```
.text, #text, p{  
    color:rgb(150, 64, 131)  
}
```

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(150, 64, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 64, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 49.181, 335.174 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(150, 64, 131) }
```

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

```
.border{ border-color:rgb(150, 64, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 64, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 64, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 64, 131);  
box-shadow:4px 4px 4px 4px rgb(150, 64,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 49.181, 335.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 64, 131) }
```

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

```
.background{ background-color: rgb(150, 64,  
131) }
```

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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