

Converting Colors

CIELCh(41, 59.675, 327.286)

Have a look what the booklet for
CIELCh(41, 59.675, 327.286)
contains.

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Color

CIELCh(41, 59.690, 327.412)

Conversions

Conversions Part 1

Format	Color
Hex	963B96
RGB	150, 59, 150
RGB Percent	59%, 23%, 59%
CMY	0.4109, 0.7678, 0.4109
CMYK	0.00, 0.61, 0.00, 0.41
HSL	300°, 43%, 41%
HSV	300°, 61%, 59%
XYZ	19.7163, 11.8645, 30.1959
YIQ	96.5830, 25.0250, 47.5930

Conversions

Conversions Part 2

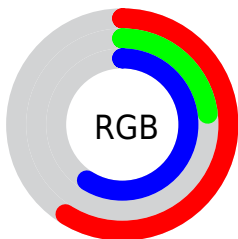
Format	Color
RYB	150, 59, 150
Decimal	9845654
CIELab	41.00, 50.29, -32.15
CIELCh	41, 59.690, 327.412
Yxy	11.8645, 0.3192, 0.1921
Android (android.graphics.Color)	4288035734 (0xFF963B96)
YUV	96.5830, 26.3346, 46.8467
Hunter-Lab	34.4449, 41.8950, -27.8647

Details

The CIELCh color $41, 59.690, 327.412$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $55, 60.298, 139.332$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 59.808, 327.143$, and $22, 57.825, 327.108$ is the 20% darker color. If you saturate the color by 10%, you get $39, 66.806, 327.741$, and if you desaturate by 10%, it is $44, 51.221, 327.012$.

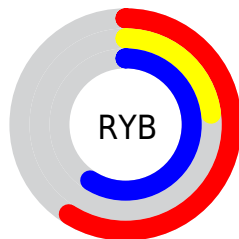
Distribution



Red (59%)

Green (23%)

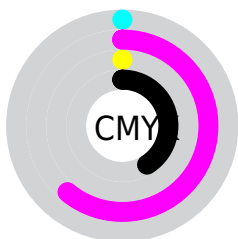
Blue (59%)



Red (59%)

Yellow (23%)

Blue (59%)

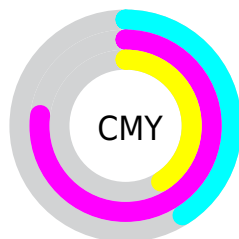


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (41%)



Cyan (41%)

Magenta (77%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 59.690, 327.412 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, 59.690, 327.412 by changing the saturation by 10% instead.


 41, 59.690,
327.412

 41, 59.690,
327.412


 100, 59.690,
327.412

 31, 59.690,
327.412

 61, 59.690,
327.412


 21, 59.690,
327.412

 71, 59.690,
327.412

 11, 59.690,
327.412


 81, 59.690,
327.412

 1, 59.690, 327.412

 91, 59.690,
327.412

 0, 59.690, 327.412

 41, 59.690,

 41, 59.690,

327.412

■ 39, 66.806,
327.741

■ 37, 72.239,
327.986

■ 36, 75.796,
328.145

■ 35, 77.870,
328.236

327.412

■ 44, 51.221,
327.012

■ 47, 41.787,
326.555

■ 50, 31.746,
326.057

■ 54, 21.395,
325.532

■ 58, 10.960,
324.990

■ 62, 0.601, 324.128

■ 66, 9.577, 143.974

■ 70, 19.508,
143.455

■ 75, 29.156,
142.964

Harmonies

Complementary

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



41, 59.690, 327.412



55, 60.298, 139.332

Rectangle

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



41, 59.690, 327.412



41, 59.690, 17.412



41, 59.690, 147.412



41, 59.690, 197.412

Sweetspot

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



41, 59.688, 327.412



70, 23.270, 325.414



30, 57.549, 299.413



36, 16.306, 325.559



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, 59.688, 327.412



50, 84.291, 327.847



39, 43.657, 350.512



29, 5.774, 324.913



32, 73.083, 328.236



1, 5.023, 324.441

Inverse Universe

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



41, 59.688, 327.412



50, 84.291, 327.847



56, 41.330, 157.026



29, 5.774, 324.913



32, 73.083, 328.236



1, 5.023, 324.441

Previews

White Background



This preview shows how the CIELCh color 41, 59.690, 327.412 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 41, 59.690, 327.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

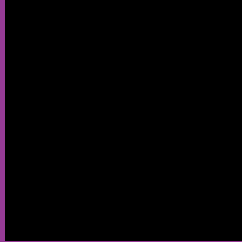
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 59.690, 327.412

Background



This preview shows how black text looks on a background with the CIELCh color 41, 59.690, 327.412.



This preview shows how white text looks on a background with the CIELCh color 41, 59.690, 327.412.

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, 59.690, 327.412

Protanopia

41, 53.381, 287.053

Deuteranopia

41, 28.855, 281.592



Tritanopia
41, 28.789, 16.973

Trichromacy



Original Color
41, 59.690, 327.412

Protanomaly
39, 54.210, 299.454

Deuteranomaly
40, 39.131, 305.907

Tritanomaly
41, 36.455, 348.964

Monochromacy



Original Color
41, 59.690, 327.412

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 23.923, 325.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 59.690, 327.412 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, 59, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 59, 150)  
}
```

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, 59, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 59, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 59.690, 327.412 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, 59, 150) }
```

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

```
.border{ border-color:rgb(150, 59, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 59, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 59, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 59, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 59,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 59.690, 327.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 59, 150) }
```

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

```
.background{ background-color: rgb(150, 59,  
150) }
```

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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