

Converting Colors

CIELCh(39, 23.747, 324.464)

Have a look what the booklet for
CIELCh(39, 23.747, 324.464)
contains.

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Color

CIELCh(39, 23.798, 325.067)

Conversions

Conversions Part 1

Format	Color
Hex	715172
RGB	113, 81, 114
RGB Percent	44%, 32%, 45%
CMY	0.5560, 0.6816, 0.5521
CMYK	0.01, 0.29, 0.00, 0.55
HSL	298°, 17%, 38%
HSV	298°, 29%, 45%
XYZ	12.8438, 10.6589, 17.3626
YIQ	94.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

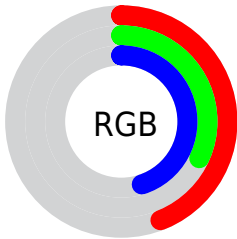
Format	Color
R_{YB}	113, 81, 114
Decimal	7426418
CIE _{Lab}	39.00, 19.51, -13.63
CIE _{LCh}	39, 23.798, 325.067
Yxy	10.6589, 0.3143, 0.2608
Android (android.graphics.Color)	4285616498 (0xFF715172)
YUV	94.3300, 9.6973, 16.3736
Hunter-Lab	32.6480, 13.0880, -8.6776

Details

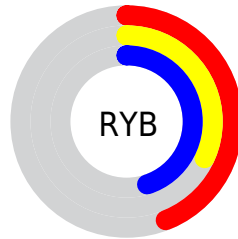
The CIELCh color $[39, 23.798, 325.067]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[45, 23.757, 141.842]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 23.591, 324.764]$, and $[19, 23.383, 324.605]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 31.867, 325.541]$, and if you desaturate by 10%, it is $[42, 15.554, 324.571]$.

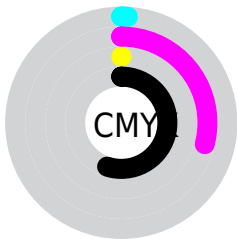
Distribution



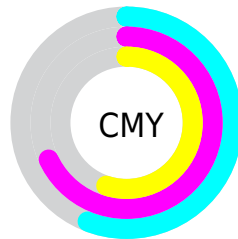
- Red (44%)
- Green (32%)
- Blue (45%)



- Red (44%)
- Yellow (32%)
- Blue (45%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (55%)





- Cyan (56%)
- Magenta (68%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 23.798, 325.067 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 39, 23.798, 325.067 by changing the saturation by 10% instead.

 39, 23.798,
325.067


 39, 23.798,
325.067

 100, 23.798,
325.067


 29, 23.798,
325.067

 59, 23.798,
325.067


 19, 23.798,
325.067


 69, 23.798,
325.067

 9, 23.798, 325.067

 79, 23.798,
325.067

 0, 23.798, 325.067

 89, 23.798,
325.067

 99, 23.798,
325.067

39, 23.798,
325.067

39, 23.798,
325.067

36, 31.867,
325.541

42, 15.554,
324.571

33, 39.562,
325.978

45, 7.291, 324.058

48, 0.886, 143.770

31, 46.624,
326.361

52, 8.910, 143.113

29, 52.762,
326.673

55, 16.738,
142.633

28, 57.692,
326.898

59, 24.349,
142.180

26, 61.201,
327.025


62, 31.733,
141.751

26, 63.695,
327.085

65, 38.891,
141.347

26, 63.972,

327.092

 69, 45.827,
140.969

Harmonies

Complementary

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



39, 23.798, 325.067



45, 23.757, 141.842

Rectangle

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



39, 23.798, 325.067



39, 23.798, 15.067



39, 23.798, 145.067



39, 23.798, 195.067

Sweetspot

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



39, 23.796, 325.067



58, 9.113, 324.075



36, 19.826, 292.194



29, 6.296, 324.135



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 23.796, 325.067



48, 35.516, 325.402



39, 17.483, 344.313



22, 4.540, 324.062



27, 66.213, 327.086



57, 113.093, 327.021

Inverse Universe

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



38, 14.813, 19.286



46, 22.684, 20.160



45, 16.990, 159.445



22, 2.649, 17.404



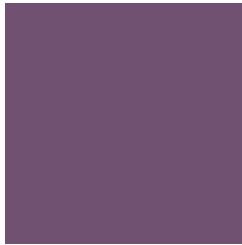
24, 57.182, 36.598



52, 101.002, 39.145

Previews

White Background



This preview shows how the CIELCh color 39, 23.798, 325.067 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 39, 23.798, 325.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

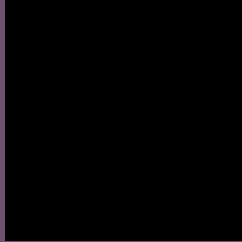
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 23.798, 325.067

Background



This preview shows how black text looks on a background with the CIELCh color 39, 23.798, 325.067.

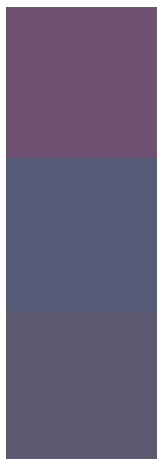


This preview shows how white text looks on a background with the CIELCh color 39, 23.798, 325.067.

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

39, 23.798, 325.067

Protanopia

39, 18.460, 285.118

Deuteranopia

39, 14.115, 293.889



Tritanopia
39, 11.573, 359.575

Trichromacy



Original Color
39, 23.798, 325.067

Protanomaly
39, 19.941, 301.778

Deuteranomaly
39, 16.696, 308.791

Tritanomaly
39, 14.912, 340.821

Monochromacy



Original Color
39, 23.798, 325.067

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 8.876, 325.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 23.798, 325.067 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(113, 81, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 81, 114)  
}
```

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(113, 81, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 81, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 23.798, 325.067 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(113, 81, 114) }
```

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

```
.border{ border-color:rgb(113, 81, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 81, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 81, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 81, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 81,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 23.798, 325.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 81, 114) }
```

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

```
.background{ background-color: rgb(113, 81,  
114) }
```

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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