

Converting Colors

CIELCh(39, 22.305, 326.319)

Have a look what the booklet for
CIELCh(39, 22.305, 326.319)
contains.

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Color

CIELCh(39, 22.100, 326.749)

Conversions

Conversions Part 1

Format	Color
Hex	715270
RGB	113, 82, 112
RGB Percent	44%, 32%, 44%
CMY	0.5578, 0.6793, 0.5617
CMYK	0.00, 0.27, 0.01, 0.56
HSL	302°, 16%, 38%
HSV	302°, 27%, 44%
XYZ	12.6899, 10.6589, 16.6477
YIQ	94.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

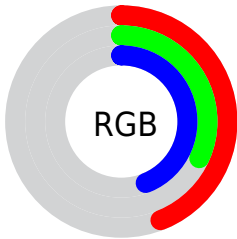
Format	Color
R_{YB}	113, 82, 112
Decimal	7426672
CIE _{Lab}	39.00, 18.48, -12.12
CIE _{LCh}	39, 22.100, 326.749
Yxy	10.6589, 0.3173, 0.2665
Android (android.graphics.Color)	4285616752 (0xFF715270)
YUV	94.6890, 8.5343, 16.0587
Hunter-Lab	32.6480, 12.2470, -7.3792

Details

The CIELCh color $[39, 22.100, 326.749]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[44, 22.089, 143.535]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 21.995, 326.340]$, and $[19, 21.546, 326.419]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 29.992, 327.263]$, and if you desaturate by 10%, it is $[42, 14.047, 326.219]$.

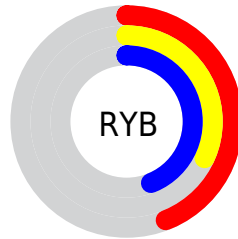
Distribution



Red (44%)

Green (32%)

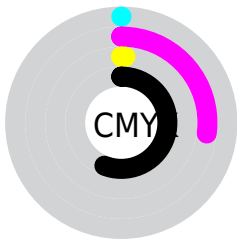
Blue (44%)



Red (44%)

Yellow (32%)

Blue (44%)

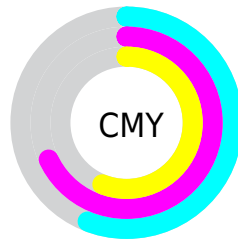


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (56%)



Cyan (56%)


Magenta (68%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 22.100, 326.749 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, 22.100, 326.749 by changing the saturation by 10% instead.

 39, 22.100,
326.749


 39, 22.100,
326.749

 100, 22.100,
326.749


 29, 22.100,
326.749

 59, 22.100,
326.749

 19, 22.100,
326.749

 69, 22.100,
326.749

 9, 22.100, 326.749

 79, 22.100,
326.749

 0, 22.100, 326.749

 89, 22.100,
326.749

 99, 22.100,
326.749

39, 22.100,
326.749

39, 22.100,
326.749

36, 29.992,
327.263

42, 14.047,
326.219

34, 37.528,
327.751

45, 5.983, 325.674

48, 1.992, 145.269

31, 44.459,
328.200

52, 9.812, 144.688

29, 50.501,
328.600

55, 17.438,
144.187

28, 55.375,
328.940

58, 24.848,
143.712

27, 58.867,
329.215

62, 32.036,
143.261

26, 61.215,
329.439

65, 39.002,
142.835

26, 61.798,

329.494

 69, 45.752,
142.434

Harmonies

Complementary

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



39, 22.100, 326.749



44, 22.089, 143.535

Rectangle

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



39, 22.100, 326.749



39, 22.100, 16.749



39, 22.100, 146.749



39, 22.100, 196.749

Sweetspot

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



39, 22.098, 326.749



57, 7.883, 325.715



36, 19.282, 293.839



29, 5.650, 325.785



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, 22.098, 326.749



48, 32.601, 327.078



38, 15.938, 346.965



22, 4.484, 325.759



27, 64.538, 329.503



58, 110.069, 329.578

Inverse Universe

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



39, 22.098, 326.749



48, 32.601, 327.078



45, 15.389, 162.173



22, 4.484, 325.759



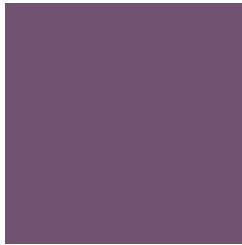
27, 64.538, 329.503



58, 110.069, 329.578

Previews

White Background



This preview shows how the CIE LCh color 39, 22.100, 326.749 looks on a white background.

Color Contrast Check

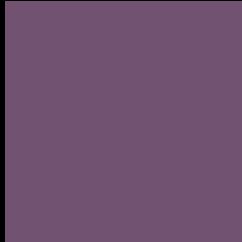
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.100, 326.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

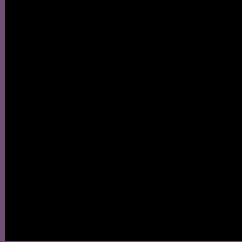
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.100, 326.749

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.100, 326.749.



This preview shows how white text looks on a background with the CIELCh color 39, 22.100, 326.749.

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, 22.100, 326.749

Protanopia

39, 16.616, 285.091

Deuteranopia

39, 12.305, 295.681



Tritanopia
39, 11.573, 359.575

Trichromacy



Original Color
39, 22.100, 326.749

Protanomaly
39, 17.442, 301.551

Deuteranomaly
39, 15.656, 311.428

Tritanomaly
39, 14.550, 342.698

Monochromacy



Original Color
39, 22.100, 326.749

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 7.656, 327.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.100, 326.749 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, 82, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 82, 112)  
}
```

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, 82, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 82, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.100, 326.749 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, 82, 112) }
```

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

```
.border{ border-color:rgb(113, 82, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 82, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 82, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 82, 112); box-shadow:4px 4px 4px 4px rgb(113, 82, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.100, 326.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 82, 112) }
```

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

```
.background{ background-color: rgb(113, 82,  
112) }
```

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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