

Converting Colors

CIELCh(22, 23.539, 341.450)

Have a look what the booklet for
CIELCh(22, 23.539, 341.450)
contains.

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Color

CIELCh(22, 23.716, 341.438)

Conversions

Conversions Part 1

Format	Color
Hex	4F2740
RGB	79, 39, 64
RGB Percent	31%, 15%, 25%
CMY	0.6891, 0.8460, 0.7480
CMYK	0.00, 0.50, 0.19, 0.69
HSL	323°, 34%, 23%
HSV	323°, 50%, 31%
XYZ	4.9147, 3.5154, 5.3092
YIQ	53.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

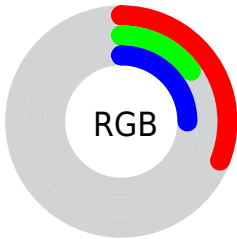
Format	Color
R_YB	79, 39, 64
Decimal	5187392
CIE Lab	22.00, 22.48, -7.55
CIE LCh	22, 23.716, 341.438
Yxy	3.5154, 0.3577, 0.2559
Android (android.graphics.Color)	4283377472 (0xFF4F2740)
YUV	53.8100, 5.0237, 22.0916
Hunter-Lab	18.7494, 13.9776, -3.6643

Details

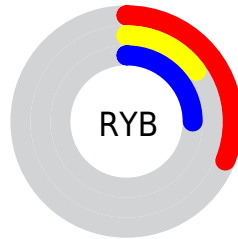
The CIELCh color $[22, 23.716, 341.438]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[30, 23.213, 153.121]$, and the grayscale version is $[23, 0.004, 296.813]$.

A 20% lighter version of the original color is $[42, 24.017, 340.687]$, and $[4, 19.427, 346.147]$ is the 20% darker color. If you saturate the color by 10%, you get $[20, 27.898, 342.476]$, and if you desaturate by 10%, it is $[24, 19.189, 340.512]$.

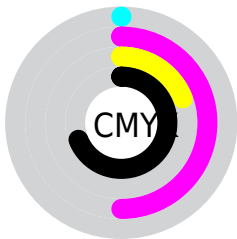
Distribution



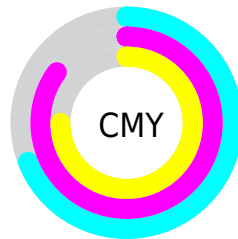
- Red (31%)
- Green (15%)
- Blue (25%)



- Red (31%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (69%)




- Cyan (69%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 23.716, 341.438 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 22, 23.716, 341.438 by changing the saturation by 10% instead.


 22, 23.716,
341.438


 22, 23.716,
341.438


 100, 23.716,
341.438


 12, 23.716,
341.438

 42, 23.716,
341.438


 2, 23.716, 341.438

 52, 23.716,
341.438

 0, 23.716, 341.438

 62, 23.716,
341.438

 72, 23.716,
341.438

 82, 23.716,
341.438

 92, 23.716,

341.438

■ 22, 23.716,
341.438

■ 22, 23.716,
341.438

■ 20, 27.898,
342.476

■ 24, 19.189,
340.512

■ 18, 31.553,
343.662

■ 26, 14.477,
339.670

■ 17, 34.481,
345.049

■ 29, 9.696, 338.892

■ 16, 36.574,
346.683

■ 31, 4.928, 338.159

■ 34, 0.227, 336.709

■ 15, 38.555,
348.180

■ 36, 4.371, 156.949

■ 39, 8.850, 156.341

■ 41, 13.200,
155.784

■ 44, 17.421,
155.262

Harmonies

Complementary

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



22, 23.716, 341.438



30, 23.213, 153.121

Rectangle

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



22, 23.716, 341.438



22, 23.716, 31.438



22, 23.716, 161.438



22, 23.716, 211.438

Sweetspot

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



22, 23.715, 341.439



39, 8.720, 338.525



19, 27.883, 307.240



18, 5.879, 338.605



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



22, 23.715, 341.439



26, 34.428, 342.772



21, 19.962, 14.369



15, 2.687, 338.033



21, 46.371, 349.216



51, 82.108, 351.256

Inverse Universe

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



22, 23.715, 341.439



26, 34.428, 342.772



31, 15.677, 184.499



15, 2.687, 338.033



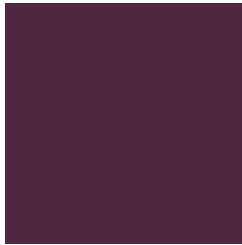
21, 46.371, 349.216



51, 82.108, 351.256

Previews

White Background



This preview shows how the CIELCh color 22, 23.716, 341.438 looks on a white background.

Color Contrast Check

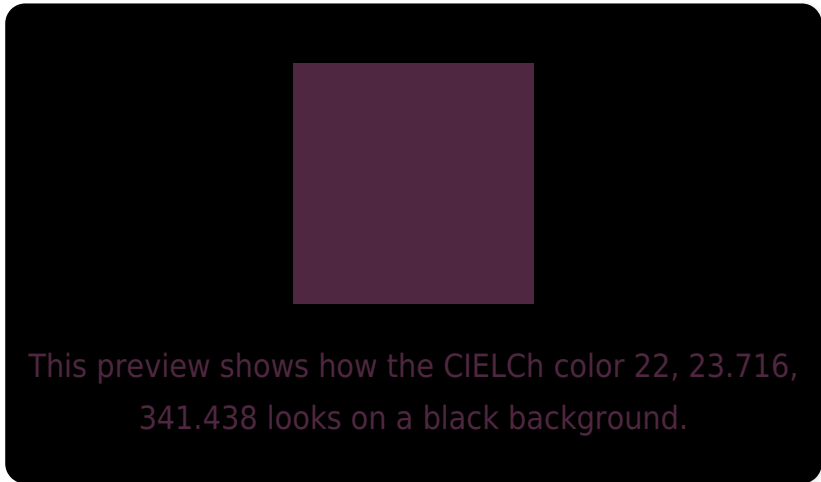
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

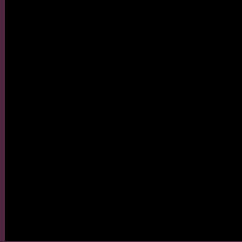
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 23.716, 341.438

Background



This preview shows how black text looks on a background with the CIELCh color 22, 23.716, 341.438.



This preview shows how white text looks on a background with the CIELCh color 22, 23.716, 341.438.

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

22, 23.716, 341.438

Protanopia

22, 14.174, 283.844

Deuteranopia

22, 6.789, 299.027



Tritanopia
22, 16.884, 16.675

Trichromacy



Original Color
22, 23.716, 341.438

Protanomaly
22, 15.565, 310.416

Deuteranomaly
22, 12.887, 325.643

Tritanomaly
22, 18.317, 0.706

Monochromacy



Original Color
22, 23.716, 341.438

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 8.800, 338.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 23.716, 341.438 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(79, 39, 64)` looks like.

```
.text, #text, p{  
    color:rgb(79, 39, 64)  
}
```

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(79, 39, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 39, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 23.716, 341.438 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(79, 39, 64) }
```

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

```
.border{ border-color:rgb(79, 39, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 39, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 39, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 39, 64);  
box-shadow:4px 4px 4px 4px rgb(79, 39, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 23.716, 341.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 39, 64) }
```

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

```
.background{ background-color: rgb(79, 39,  
64) }
```

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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