

Converting Colors

CIELCh(22, 43.284, 319.390)

Have a look what the booklet for
CIELCh(22, 43.284, 319.390)
contains.

CIELCh(22, 43.405, 319.560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(22, 43.405, 319.560)

Conversions

Conversions Part 1

Format	Color
Hex	4F205F
RGB	79, 32, 95
RGB Percent	31%, 13%, 37%
CMY	0.6904, 0.8747, 0.6277
CMYK	0.17, 0.66, 0.00, 0.63
HSL	285°, 50%, 25%
HSV	285°, 66%, 37%
XYZ	5.7981, 3.5154, 11.1866
YIQ	53.2350, 7.7890, 29.5570

Conversions

Conversions Part 2

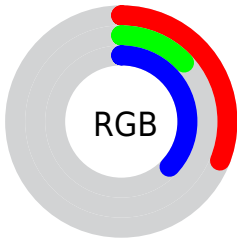
Format	Color
RYB	79, 32, 95
Decimal	5185631
CIELab	22.00, 33.03, -28.15
CIELCh	22, 43.405, 319.560
Yxy	3.5154, 0.2828, 0.1715
Android (android.graphics.Color)	4283375711 (0xFF4F205F)
YUV	53.2350, 20.5901, 22.5959
Hunter-Lab	18.7494, 22.3885, -22.2500

Details

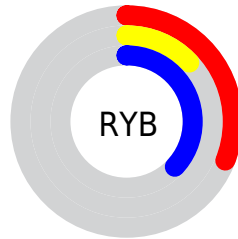
The CIELCh color **22, 43.405, 319.560** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36, 42.086, 133.829**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 43.161, 319.395**, and **5, 34.554, 318.028** is the 20% darker color. If you saturate the color by 10%, you get **20, 48.626, 319.672**, and if you desaturate by 10%, it is **24, 37.451, 319.323**.

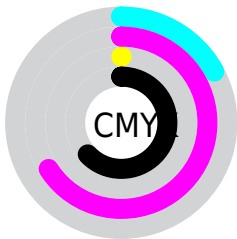
Distribution



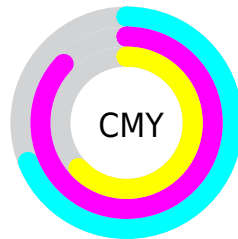
- Red (31%)
- Green (13%)
- Blue (37%)



- Red (31%)
- Yellow (13%)
- Blue (37%)



- Cyan (17%)
- Magenta (66%)
- Yellow (0%)
- Black (63%)





- Cyan (69%)
- Magenta (87%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 43.405, 319.560 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, 43.405, 319.560 by changing the saturation by 10% instead.

 22, 43.405,
319.560


 22, 43.405,
319.560

 100, 43.405,
319.560


 12, 43.405,
319.560


 42, 43.405,
319.560


 2, 43.405, 319.560

 52, 43.405,
319.560

 0, 43.405, 319.560

 62, 43.405,
319.560

 72, 43.405,
319.560

 82, 43.405,
319.560

 92, 43.405,

319.560

■ 22, 43.405,
319.560

■ 22, 43.405,
319.560

■ 20, 48.626,
319.672

■ 24, 37.451,
319.323

■ 18, 52.830,
319.613

■ 27, 31.031,
319.000

■ 17, 56.189,
319.429

■ 30, 24.360,
318.626

■ 16, 57.491,
319.391

■ 32, 17.594,
318.224

■ 35, 10.842,
317.813

■ 38, 4.174, 317.394

■ 41, 2.365, 137.081

■ 44, 8.752, 136.679

■ 47, 14.974,
136.330

Harmonies

Complementary

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



22, 43.405, 319.560



36, 42.086, 133.829

Rectangle

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



22, 43.405, 319.560



22, 43.405, 9.560



22, 43.405, 139.560



22, 43.405, 189.560

Sweetspot

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



22, 43.404, 319.560



44, 16.400, 317.988



21, 31.194, 288.017



21, 11.098, 318.062



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



22, 43.404, 319.560



26, 61.402, 319.660



24, 38.027, 336.192



18, 3.758, 317.503



20, 64.716, 319.229



47, 113.421, 318.719

Inverse Universe

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



23, 30.578, 9.008



27, 44.067, 14.075



35, 38.501, 145.557



18, 2.474, 359.936



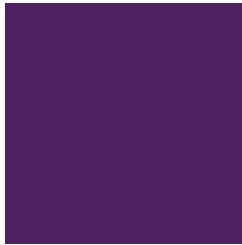
22, 48.185, 22.317



50, 86.374, 26.160

Previews

White Background



This preview shows how the CIE LCh color 22, 43.405, 319.560 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



This preview shows how the CIE LCh color 22, 43.405, 319.560 looks on a 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, 43.405, 319.560

Background



This preview shows how black text looks on a background with the CIELCh color 22, 43.405, 319.560.



This preview shows how white text looks on a background with the CIELCh color 22, 43.405, 319.560.

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, 43.405, 319.560

Protanopia

22, 39.118, 284.378

Deuteranopia

22, 25.454, 277.523



Tritanopia
22, 12.821, 10.427

Trichromacy



Original Color
22, 43.405, 319.560

Protanomaly
21, 40.378, 293.039

Deuteranomaly
21, 30.973, 296.730

Tritanomaly
22, 22.003, 335.810

Monochromacy



Original Color
22, 43.405, 319.560

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 17.140, 318.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 43.405, 319.560 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, 32, 95)` looks like.

```
.text, #text, p{  
    color:rgb(79, 32, 95)  
}
```

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, 32, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 32, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 43.405, 319.560 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, 32, 95) }
```

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

```
.border{ border-color:rgb(79, 32, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 32, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 32, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 32, 95);  
box-shadow:4px 4px 4px 4px rgb(79, 32, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 43.405, 319.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 32, 95) }
```

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

```
.background{ background-color: rgb(79, 32,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor