

Converting Colors

CIELCh(22, 17.079, 346.268)

Have a look what the booklet for
CIELCh(22, 17.079, 346.268)
contains.

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Color

CIELCh(22, 17.526, 346.391)

Conversions

Conversions Part 1

Format	Color
Hex	4A2B3B
RGB	74, 43, 59
RGB Percent	29%, 17%, 23%
CMY	0.7093, 0.8309, 0.7681
CMYK	0.00, 0.42, 0.20, 0.71
HSL	329°, 26%, 23%
HSV	329°, 42%, 29%
XYZ	4.4959, 3.5154, 4.5969
YIQ	54.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

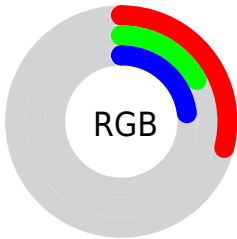
Format	Color
R_{YB}	74, 43, 59
Decimal	4860731
CIE Lab	22.00, 17.03, -4.12
CIE LCh	22, 17.526, 346.391
Yxy	3.5154, 0.3566, 0.2788
Android (android.graphics.Color)	4283050811 (0xFF4A2B3B)
YUV	54.0930, 2.4192, 17.4584
Hunter-Lab	18.7494, 9.9909, -1.4118

Details

The CIELCh color $[22, 17.526, 346.391]$ is a dark color, and the websafe version is hex $\#663333$. A complement of this color would be $[29, 16.818, 159.183]$, and the grayscale version is $[23, 0.004, 296.813]$.

A 20% lighter version of the original color is $[42, 17.736, 346.934]$, and $[3, 15.238, 350.150]$ is the 20% darker color. If you saturate the color by 10%, you get $[20, 21.572, 347.543]$, and if you desaturate by 10%, it is $[24, 13.330, 345.379]$.

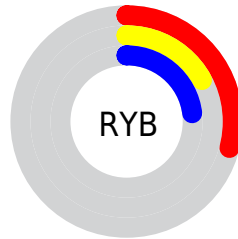
Distribution



Red (29%)

Green (17%)

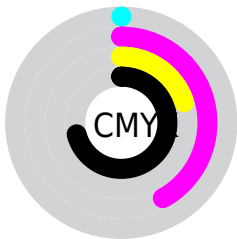
Blue (23%)



Red (29%)

Yellow (17%)

Blue (23%)

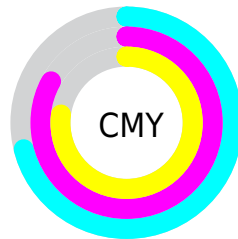


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (71%)



Cyan (71%)


Magenta (83%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 17.526, 346.391 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, 17.526, 346.391 by changing the saturation by 10% instead.

 22, 17.526,
346.391


 22, 17.526,
346.391

 100, 17.526,
346.391


 12, 17.526,
346.391


 42, 17.526,
346.391


 2, 17.526, 346.391


 52, 17.526,
346.391

 0, 17.526, 346.391

 62, 17.526,
346.391

 72, 17.526,
346.391

 82, 17.526,
346.391

 92, 17.526,

346.391

■ 22, 17.526,
346.391

■ 22, 17.526,
346.391

■ 20, 21.572,
347.543

■ 24, 13.330,
345.379

■ 18, 25.336,
348.875

■ 26, 9.092, 344.470

■ 17, 28.647,
350.452

■ 29, 4.883, 343.635

■ 31, 0.748, 342.667

■ 15, 31.333,
352.358

■ 33, 3.284, 162.303

■ 14, 33.412,
354.581

■ 36, 7.200, 161.635

■ 38, 10.993,
161.034

■ 13, 35.267,
356.237

■ 41, 14.664,
160.478

■ 43, 18.218,
159.960

Harmonies

Complementary

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



22, 17.526, 346.391



29, 16.818, 159.183

Rectangle

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



22, 17.526, 346.391



22, 17.526, 36.391



22, 17.526, 166.391



22, 17.526, 216.391

Sweetspot

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



22, 17.525, 346.392



37, 6.711, 343.772



21, 21.905, 310.397



17, 4.638, 343.875



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



22, 17.525, 346.392



27, 25.978, 347.557



21, 15.558, 21.685



14, 2.357, 343.381



20, 43.657, 358.049



50, 78.384, 1.122

Inverse Universe

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



22, 17.525, 346.392



27, 25.978, 347.557



29, 12.054, 196.004



14, 2.357, 343.381



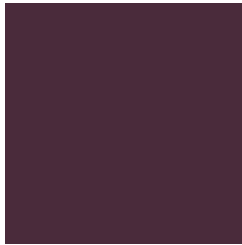
20, 43.657, 358.049



50, 78.384, 1.122

Previews

White Background



This preview shows how the CIE LCh color 22, 17.526, 346.391 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 CIELCh color 22, 17.526, 346.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

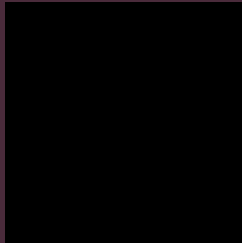
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 17.526, 346.391

Background



This preview shows how black text looks on a background with the CIELCh color 22, 17.526, 346.391.



This preview shows how white text looks on a background with the CIELCh color 22, 17.526, 346.391.

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, 17.526, 346.391

Protanopia

22, 8.112, 283.047

Deuteranopia

22, 4.433, 315.021



Tritanopia
22, 13.830, 11.588

Trichromacy



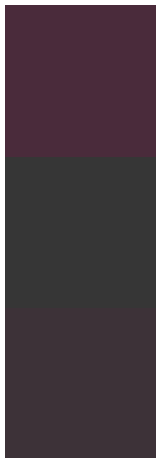
Original Color
22, 17.526, 346.391

Protanomaly
22, 10.436, 317.003

Deuteranomaly
22, 8.800, 338.126

Tritanomaly
22, 14.876, 359.356

Monochromacy



Original Color
22, 17.526, 346.391

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 6.486, 342.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 17.526, 346.391 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(74, 43, 59)` looks like.

```
.text, #text, p{  
    color:rgb(74, 43, 59)  
}
```

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(74, 43, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 43, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 17.526, 346.391 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(74, 43, 59) }
```

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

```
.border{ border-color:rgb(74, 43, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 43, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 43, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 43, 59);  
box-shadow:4px 4px 4px 4px rgb(74, 43, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 17.526, 346.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 43, 59) }
```

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

```
.background{ background-color: rgb(74, 43,  
59) }
```

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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