

Converting Colors

CIELCh(29, 32.501, 326.686)

Have a look what the booklet for
CIELCh(29, 32.501, 326.686)
contains.

CIELCh(29, 32.543, 326.701)	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(29, 32.543, 326.701)

Conversions

Conversions Part 1

Format	Color
Hex	603460
RGB	96, 52, 96
RGB Percent	38%, 20%, 38%
CMY	0.6222, 0.7949, 0.6223
CMYK	0.00, 0.46, 0.00, 0.62
HSL	300°, 30%, 29%
HSV	300°, 46%, 38%
XYZ	8.2258, 5.8380, 11.8368
YIQ	70.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

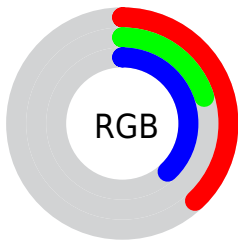
Format	Color
RYB	96, 52, 96
Decimal	6304864
CIELab	29.00, 27.20, -17.87
CIELCh	29, 32.543, 326.701
Yxy	5.8380, 0.3176, 0.2254
Android (android.graphics.Color)	4284494944 (0xFF603460)
YUV	70.1720, 12.7332, 22.6512
Hunter-Lab	24.1619, 18.4863, -12.1324

Details

The CIELCh color $[29, 32.543, 326.701]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[37, 32.630, 141.153]$, and the grayscale version is $[30, 0.005, 296.813]$.

A 20% lighter version of the original color is $[49, 32.775, 326.727]$, and $[9, 32.395, 327.116]$ is the 20% darker color. If you saturate the color by 10%, you get $[27, 38.930, 327.124]$, and if you desaturate by 10%, it is $[31, 25.682, 326.237]$.

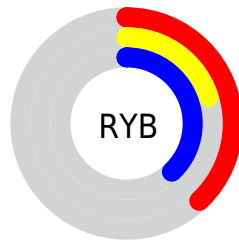
Distribution



Red (38%)

Green (20%)

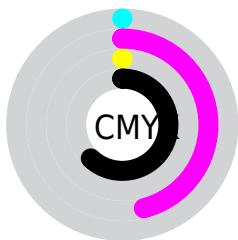
Blue (38%)



Red (38%)

Yellow (20%)

Blue (38%)

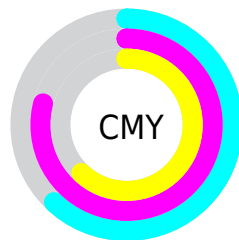


Cyan (0%)

Magenta (46%)

Yellow (0%)

Black (62%)



Cyan (62%)


Magenta (79%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 32.543, 326.701 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 29, 32.543, 326.701 by changing the saturation by 10% instead.

 29, 32.543,
326.701


 29, 32.543,
326.701

 100, 32.543,
326.701


 19, 32.543,
326.701


 49, 32.543,
326.701


 9, 32.543, 326.701

 59, 32.543,
326.701

 0, 32.543, 326.701

 69, 32.543,
326.701

 79, 32.543,
326.701

 89, 32.543,
326.701

 99, 32.543,

326.701

■ 29, 32.543,
326.701

■ 29, 32.543,
326.701

■ 27, 38.930,
327.124

■ 31, 25.682,
326.237

■ 25, 44.613,
327.491

■ 34, 18.554,
325.744

■ 24, 49.349,
327.790

■ 36, 11.317,
325.233

■ 23, 52.938,
328.013

■ 39, 4.089, 324.700

■ 22, 55.535,
328.172

■ 42, 3.048, 144.281

■ 21, 56.646,
328.239

■ 45, 10.042,
143.753

■ 48, 16.861,

143.269

■ 51, 23.487,
142.810

■ 54, 29.915,
142.374

Harmonies

Complementary

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



29, 32.543, 326.701



37, 32.630, 141.153

Rectangle

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



29, 32.543, 326.701



29, 32.543, 16.701



29, 32.543, 146.701



29, 32.543, 196.701

Sweetspot

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



29, 32.542, 326.701



48, 12.493, 325.167



24, 29.175, 296.017



24, 8.698, 325.247



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



29, 32.542, 326.701



35, 47.507, 327.161



28, 23.512, 347.964



18, 4.049, 324.875



26, 63.075, 328.239



57, 110.263, 328.240

Inverse Universe

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



29, 32.542, 326.701



35, 47.507, 327.161



37, 22.378, 159.378



18, 4.049, 324.875



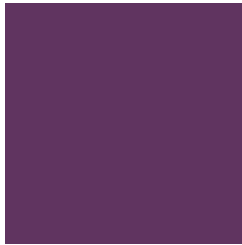
26, 63.075, 328.239



57, 110.263, 328.240

Previews

White Background



This preview shows how the CIELCh color 29, 32.543, 326.701 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 29, 32.543, 326.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

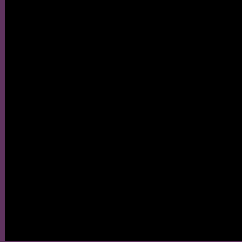
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 32.543, 326.701

Background



This preview shows how black text looks on a background with the CIELCh color 29, 32.543, 326.701.



This preview shows how white text looks on a background with the CIELCh color 29, 32.543, 326.701.

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

29, 32.543, 326.701

Protanopia

29, 26.523, 284.435

Deuteranopia

29, 16.792, 285.629



Tritanopia
29, 15.099, 12.629

Trichromacy



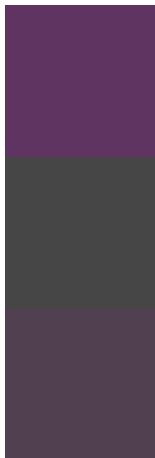
Original Color
29, 32.543, 326.701

Protanomaly
29, 27.284, 300.280

Deuteranomaly
29, 21.885, 306.141

Tritanomaly
29, 20.054, 346.418

Monochromacy



Original Color
29, 32.543, 326.701

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 12.377, 325.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 32.543, 326.701 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(96, 52, 96)` looks like.

```
.text, #text, p{  
    color:rgb(96, 52, 96)  
}
```

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(96, 52, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 52, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 32.543, 326.701 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(96, 52, 96) }
```

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

```
.border{ border-color:rgb(96, 52, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 52, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 52, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 52, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 52, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 32.543, 326.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 52, 96) }
```

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

```
.background{ background-color: rgb(96, 52,  
96) }
```

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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