

Converting Colors

CIELCh(28, 24.275, 335.594)

Have a look what the booklet for
CIELCh(28, 24.275, 335.594)
contains.

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Color

CIELCh(28, 24.548, 335.342)

Conversions

Conversions Part 1

Format	Color
Hex	5C3552
RGB	92, 53, 82
RGB Percent	36%, 21%, 32%
CMY	0.6385, 0.7915, 0.6778
CMYK	0.00, 0.42, 0.11, 0.64
HSL	315°, 27%, 28%
HSV	315°, 42%, 36%
XYZ	7.2413, 5.4574, 8.6883
YIQ	67.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

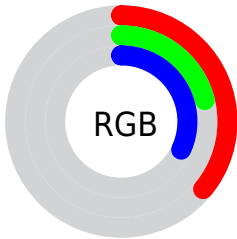
Format	Color
R_{YB}	92, 53, 82
Decimal	6042962
CIE _{Lab}	28.00, 22.31, -10.24
CIE _{LCh}	28, 24.548, 335.342
Yxy	5.4574, 0.3386, 0.2552
Android (android.graphics.Color)	4284233042 (0xFF5C3552)
YUV	67.9670, 6.9183, 21.0769
Hunter-Lab	23.3610, 14.4488, -5.6980

Details

The CIELCh color $[28, 24.548, 335.342]$ is a dark color, and the websafe version is hex $\#663366$. A complement of this color would be $[36, 24.375, 149.271]$, and the grayscale version is $[29, 0.005, 296.813]$.

A 20% lighter version of the original color is $[48, 24.097, 335.730]$, and $[8, 24.420, 335.979]$ is the 20% darker color. If you saturate the color by 10%, you get $[26, 29.934, 336.091]$, and if you desaturate by 10%, it is $[30, 18.854, 334.634]$.

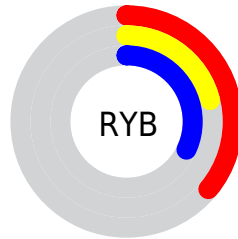
Distribution



Red (36%)

Green (21%)

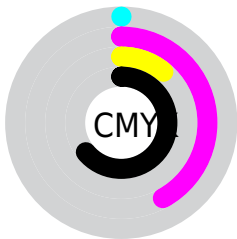
Blue (32%)



Red (36%)

Yellow (21%)

Blue (32%)

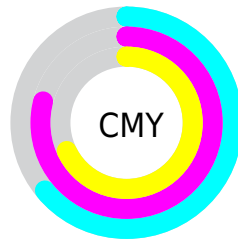


Cyan (0%)

Magenta (42%)

Yellow (11%)

Black (64%)



Cyan (64%)

Magenta (79%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 24.548, 335.342 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 28, 24.548, 335.342 by changing the saturation by 10% instead.

 28, 24.548,
335.342


 28, 24.548,
335.342

 100, 24.548,
335.342


 18, 24.548,
335.342

 48, 24.548,
335.342

 8, 24.548, 335.342

 58, 24.548,
335.342

 0, 24.548, 335.342

 68, 24.548,
335.342

 78, 24.548,
335.342

 88, 24.548,
335.342

 98, 24.548,

335.342

■ 28, 24.548,
335.342

■ 28, 24.548,
335.342

■ 26, 29.934,
336.091

■ 30, 18.854,
334.634

■ 24, 34.813,
336.892

■ 33, 13.017,
333.959

■ 22, 38.951,
337.764

■ 36, 7.152, 333.308

■ 38, 1.340, 332.586

■ 21, 42.116,
338.736

■ 41, 4.368, 152.187

■ 20, 44.210,
339.833

■ 44, 9.941, 151.611

■ 19, 45.715,
340.663

■ 47, 15.365,
151.080

■ 50, 20.633,
150.580

■ 53, 25.746,
150.107

Harmonies

Complementary

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



28, 24.548, 335.342



36, 24.375, 149.271

Rectangle

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



28, 24.548, 335.342



28, 24.548, 25.342



28, 24.548, 155.342



28, 24.548, 205.342

Sweetspot

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



28, 24.547, 335.342



46, 9.374, 333.378



25, 26.047, 303.033



23, 6.617, 333.481



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



28, 24.547, 335.342



34, 36.202, 336.113



27, 18.968, 4.320



17, 3.234, 333.081



23, 51.451, 341.004



53, 89.690, 342.078

Inverse Universe

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



28, 24.547, 335.342



34, 36.202, 336.113



36, 16.470, 175.586



17, 3.234, 333.081



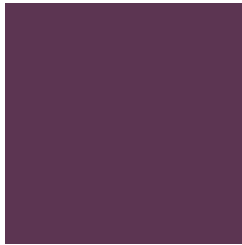
23, 51.451, 341.004



53, 89.690, 342.078

Previews

White Background



This preview shows how the CIE LCh color 28, 24.548, 335.342 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 28, 24.548, 335.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

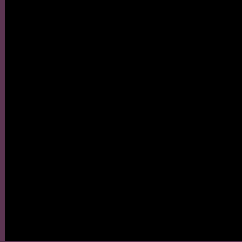
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 24.548, 335.342

Background



This preview shows how black text looks on a background with the CIELCh color 28, 24.548, 335.342.



This preview shows how white text looks on a background with the CIELCh color 28, 24.548, 335.342.

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

28, 24.548, 335.342

Protanopia

28, 16.280, 284.009

Deuteranopia

28, 9.737, 294.456



Tritanopia
28, 15.721, 10.851

Trichromacy



Original Color
28, 24.548, 335.342

Protanomaly
28, 18.048, 306.083

Deuteranomaly
28, 14.452, 318.258

Tritanomaly
28, 17.718, 355.142

Monochromacy



Original Color
28, 24.548, 335.342

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 8.933, 334.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 24.548, 335.342 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(92, 53, 82)` looks like.

```
.text, #text, p{  
    color:rgb(92, 53, 82)  
}
```

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(92, 53, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 53, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 24.548, 335.342 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(92, 53, 82) }
```

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

```
.border{ border-color:rgb(92, 53, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 53, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 53, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 53, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 53, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 24.548, 335.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 53, 82) }
```

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

```
.background{ background-color: rgb(92, 53,  
82) }
```

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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