

Converting Colors

CIELCh(30, 21.562, 357.039)

Have a look what the booklet for
CIELCh(30, 21.562, 357.039)
contains.

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Color

CIELCh(30, 21.219, 357.339)

Conversions

Conversions Part 1

Format	Color
Hex	653A49
RGB	101, 58, 73
RGB Percent	40%, 23%, 29%
CMY	0.6048, 0.7734, 0.7146
CMYK	0.00, 0.43, 0.28, 0.60
HSL	339°, 27%, 31%
HSV	339°, 43%, 40%
XYZ	8.0383, 6.2359, 7.0460
YIQ	72.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

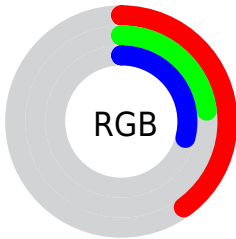
Format	Color
R_{YB}	101, 58, 73
Decimal	6634057
CIE Lab	30.00, 21.20, -0.99
CIE LCh	30, 21.219, 357.339
Yxy	6.2359, 0.3770, 0.2925
Android (android.graphics.Color)	4284824137 (0xFF653A49)
YUV	72.5670, 0.2135, 24.9357
Hunter-Lab	24.9718, 13.7578, 0.7511




Details

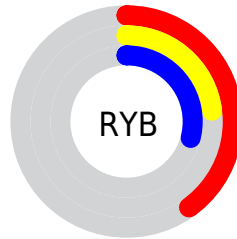
The CIELCh color **30, 21.219, 357.339** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39, 19.233, 168.519**, and the grayscale version is **31, 0.005, 296.813**.




A 20% lighter version of the original color is **50, 21.105, 357.933**, and **10, 21.042, 356.360** is the 20% darker color. If you saturate the color by 10%, you get **27, 26.175, 358.985**, and if you desaturate by 10%, it is **33, 16.136, 355.961**.

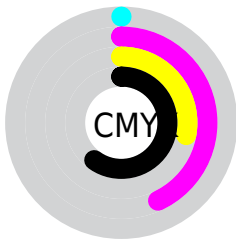
Distribution







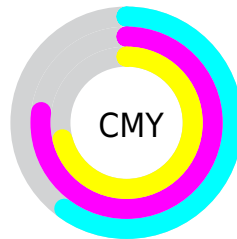
-  Red (40%)
-  Green (23%)
-  Blue (29%)






-  Red (40%)
-  Yellow (23%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (43%)
-  Yellow (28%)
-  Black (60%)





-  Cyan (60%)
-  Magenta (77%)
-  Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 21.219, 357.339 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 30, 21.219, 357.339 by changing the saturation by 10% instead.


 30, 21.219,
357.339


 30, 21.219,
357.339


 100, 21.219,
357.339


 20, 21.219,
357.339


 50, 21.219,
357.339


 10, 21.219,
357.339

 60, 21.219,
357.339

 0, 21.219, 357.339

 70, 21.219,
357.339

 80, 21.219,
357.339

 90, 21.219,
357.339

■ 30, 21.219,
357.339

■ 30, 21.219,
357.339

■ 27, 26.175,
358.985

■ 33, 16.136,
355.961

■ 25, 30.830, 0.985

■ 36, 11.063,
354.779

■ 23, 34.971, 3.459

■ 39, 6.085, 353.737

■ 21, 38.401, 6.551

■ 42, 1.255, 352.660

■ 20, 41.050, 10.358

■ 45, 3.401, 172.161

■ 20, 43.035, 13.111

■ 48, 7.874, 171.389

■ 51, 12.164,
170.717

■ 55, 16.280,
170.108

■ 58, 20.232,

Harmonies

Complementary

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



30, 21.219, 357.339



39, 19.233, 168.519

Rectangle

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



30, 21.219, 357.339



30, 21.219, 47.339



30, 21.219, 177.339



30, 21.219, 227.339

Sweetspot

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



30, 21.217, 357.341



49, 7.721, 353.809



29, 29.535, 315.856



25, 5.460, 353.977



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



30, 21.217, 357.341



36, 31.272, 358.948



31, 18.342, 34.892



19, 2.711, 353.370



23, 47.286, 14.007



51, 82.992, 17.619

Inverse Universe

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



30, 21.217, 357.341



36, 31.272, 358.948



38, 13.642, 214.923



19, 2.711, 353.370



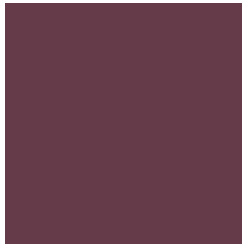
23, 47.286, 14.007



51, 82.992, 17.619

Previews

White Background



This preview shows how the CIELCh color 30, 21.219, 357.339 looks on a white background.

Color Contrast Check

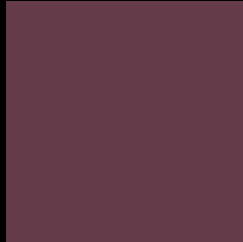
Large Text (above 18pt) WCAG AA ✓ Pass

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 30, 21.219, 357.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

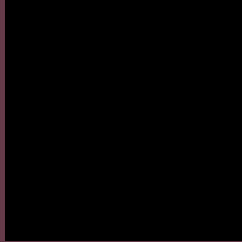
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 21.219, 357.339

Background



This preview shows how black text looks on a background with the CIELCh color 30, 21.219, 357.339.



This preview shows how white text looks on a background with the CIELCh color 30, 21.219, 357.339.

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

30, 21.219, 357.339

Protanopia

30, 6.400, 287.637

Deuteranopia

30, 4.220, 2.505



Tritanopia
30, 19.358, 13.849

Trichromacy



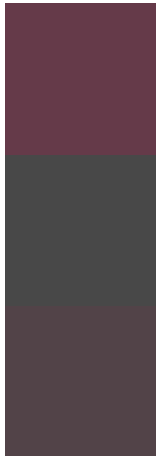
Original Color
30, 21.219, 357.339

Protanomaly
30, 10.083, 331.572

Deuteranomaly
30, 10.403, 355.972

Tritanomaly
30, 19.441, 8.283

Monochromacy



Original Color
30, 21.219, 357.339

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 7.422, 355.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 21.219, 357.339 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(101, 58, 73)` looks like.

```
.text, #text, p{  
    color:rgb(101, 58, 73)  
}
```

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(101, 58, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 58, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 21.219, 357.339 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(101, 58, 73) }
```

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

```
.border{ border-color:rgb(101, 58, 73) }
```

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

Here you see how a box with a 4 pixel rgb(101, 58, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 58, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 58, 73);  
box-shadow:4px 4px 4px 4px rgb(101, 58,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 21.219, 357.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 58, 73) }
```

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

```
.background{ background-color: rgb(101, 58,  
73) }
```

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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