

Converting Colors

CIELCh(35, 20.138, 329.946)

Have a look what the booklet for
CIELCh(35, 20.138, 329.946)
contains.

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Color

CIELCh(35, 20.286, 329.939)

Conversions

Conversions Part 1

Format	Color
Hex	674963
RGB	103, 73, 99
RGB Percent	40%, 29%, 39%
CMY	0.5971, 0.7147, 0.6127
CMYK	0.00, 0.29, 0.04, 0.60
HSL	308°, 17%, 34%
HSV	308°, 29%, 40%
XYZ	10.1716, 8.4984, 12.8464
YIQ	84.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

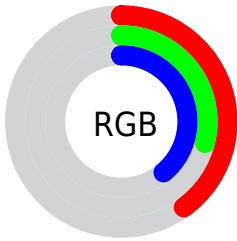
Format	Color
RYB	103, 73, 99
Decimal	6768995
CIELab	35.00, 17.56, -10.16
CIELCh	35, 20.286, 329.939
Yxy	8.4984, 0.3227, 0.2697
Android (android.graphics.Color)	4284959075 (0xFF674963)
YUV	84.9340, 6.9345, 15.8439
Hunter-Lab	29.1520, 11.2654, -5.7209

Details

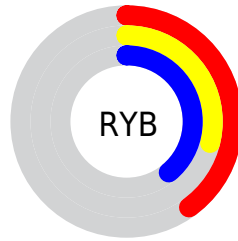
The CIELCh color **35, 20.286, 329.939** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41, 20.243, 146.340**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 20.475, 330.142**, and **15, 20.376, 330.070** is the 20% darker color. If you saturate the color by 10%, you get **32, 27.095, 330.519**, and if you desaturate by 10%, it is **38, 13.326, 329.361**.

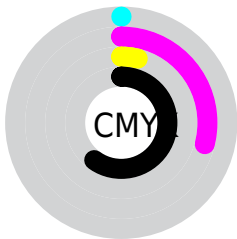
Distribution



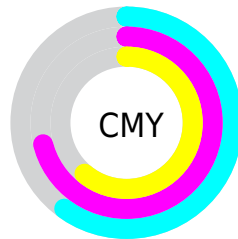
- Red (40%)
- Green (29%)
- Blue (39%)



- Red (40%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (60%)





- Cyan (60%)
- Magenta (71%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 20.286, 329.939 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 35, 20.286, 329.939 by changing the saturation by 10% instead.


 35, 20.286,
329.939


 35, 20.286,
329.939

 100, 20.286,
329.939


 25, 20.286,
329.939

 55, 20.286,
329.939


 15, 20.286,
329.939


 65, 20.286,
329.939

 5, 20.286, 329.939

 75, 20.286,
329.939

 0, 20.286, 329.939

 85, 20.286,
329.939

 95, 20.286,
329.939

35, 20.286,
329.939

35, 20.286,
329.939

32, 27.095,
330.519

38, 13.326,
329.361

30, 33.579,
331.098

41, 6.350, 328.783

44, 0.555, 148.584

28, 39.513,
331.671

47, 7.332, 147.754

26, 44.637,
332.238

50, 13.946,
147.231

24, 48.694,
332.802

53, 20.379,
146.737

23, 51.483,
333.373

56, 26.626,
146.269

22, 53.524,
333.942

59, 32.687,
145.826

22, 53.697,

333.987

 63, 38.567,
145.407

Harmonies

Complementary

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



35, 20.286, 329.939



41, 20.243, 146.340

Rectangle

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



35, 20.286, 329.939



35, 20.286, 19.939



35, 20.286, 149.939



35, 20.286, 199.939

Sweetspot

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



35, 20.285, 329.939



52, 7.675, 328.787



32, 19.074, 297.392



26, 5.294, 328.850



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



35, 20.285, 329.939



43, 29.916, 330.333



34, 14.848, 353.262



20, 3.858, 328.767



25, 57.997, 334.071



56, 99.974, 334.481

Inverse Universe

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



35, 20.285, 329.939



43, 29.916, 330.333



41, 14.011, 167.805



20, 3.858, 328.767



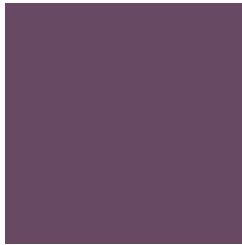
25, 57.997, 334.071



56, 99.974, 334.481

Previews

White Background



This preview shows how the CIELCh color 35, 20.286, 329.939 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 35, 20.286, 329.939 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 35, 20.286, 329.939

Background



This preview shows how black text looks on a background with the CIELCh color 35, 20.286, 329.939.

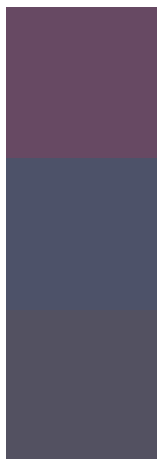


This preview shows how white text looks on a background with the CIELCh color 35, 20.286, 329.939.

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

35, 20.286, 329.939

Protanopia

35, 14.413, 285.013

Deuteranopia

35, 10.041, 296.406



Tritanopia
35, 11.617, 2.682

Trichromacy



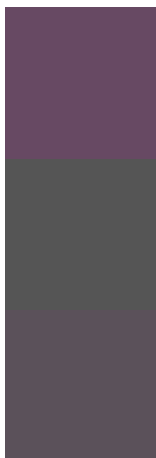
Original Color
35, 20.286, 329.939

Protanomaly
35, 15.304, 302.921

Deuteranomaly
35, 13.473, 313.298

Tritanomaly
35, 14.110, 346.938

Monochromacy



Original Color
35, 20.286, 329.939

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 7.043, 327.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 20.286, 329.939 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(103, 73, 99)` looks like.

```
.text, #text, p{  
    color:rgb(103, 73, 99)  
}
```

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(103, 73, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 73, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 20.286, 329.939 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(103, 73, 99) }
```

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

```
.border{ border-color:rgb(103, 73, 99) }
```

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

Here you see how a box with a 4 pixel rgb(103, 73, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 73, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 73, 99);  
box-shadow:4px 4px 4px 4px rgb(103, 73,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 20.286, 329.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 73, 99) }
```

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

```
.background{ background-color: rgb(103, 73,  
99) }
```

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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