

Converting Colors

CIELCh(35, 73.848, 331.923)

Have a look what the booklet for
CIELCh(35, 73.848, 331.923)
contains.

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Color

CIELCh(35, 73.525, 331.897)

Conversions

Conversions Part 1

Format	Color
Hex	98008B
RGB	152, 0, 139
RGB Percent	60%, 0%, 55%
CMY	0.4048, 1.0000, 0.4557
CMYK	0.00, 1.00, 0.09, 0.40
HSL	305°, 100%, 30%
HSV	305°, 100%, 60%
XYZ	17.5436, 8.4984, 25.0597
YIQ	61.2940, 45.9730, 75.4530

Conversions

Conversions Part 2

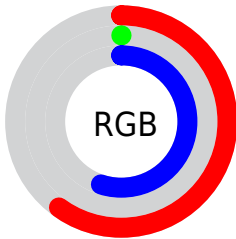
Format	Color
R_{YB}	152, 0, 139
Decimal	9961611
CIE _{Lab}	35.00, 64.86, -34.63
CIE _{LCh}	35, 73.525, 331.897
Yxy	8.4984, 0.3433, 0.1663
Android (android.graphics.Color)	4288151691 (0xFF98008B)
YUV	61.2940, 38.3091, 79.5492
Hunter-Lab	29.1520, 56.4048, -30.5606

Details

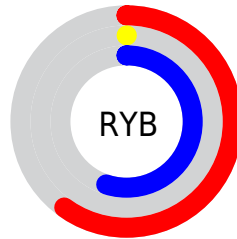
The CIELCh color **35, 73.525, 331.897** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54, 79.590, 136.901**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 73.621, 331.942**, and **21, 53.154, 331.613** is the 20% darker color. If you saturate the color by 10%, you get **35, 73.443, 331.897**, and if you desaturate by 10%, it is **36, 71.650, 331.494**.

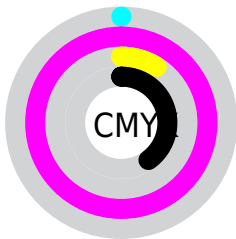
Distribution



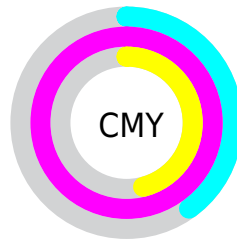
- Red (60%)
- Green (0%)
- Blue (55%)



- Red (60%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 73.525, 331.897 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, 73.525, 331.897 by changing the saturation by 10% instead.


 35, 73.525,
331.897


 35, 73.525,
331.897

 100, 73.525,
331.897


 25, 73.525,
331.897

 55, 73.525,
331.897


 15, 73.525,
331.897


 65, 73.525,
331.897

 5, 73.525, 331.897

 75, 73.525,
331.897

 0, 73.525, 331.897

 85, 73.525,
331.897

 95, 73.525,
331.897

■ 35, 73.525,
331.897

■ 35, 73.525,
331.897

■ 35, 73.443,
331.897

■ 36, 71.650,
331.494

■ 37, 68.384,
331.074

■ 39, 63.230,
330.624

■ 41, 56.412,
330.140

■ 44, 48.289,
329.623

■ 47, 39.251,
329.080

■ 51, 29.654,
328.519

■ 55, 19.784,

327.949

■ 59, 9.852, 327.373

Harmonies

Complementary

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



35, 73.525, 331.897



54, 79.590, 136.901

Rectangle

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



35, 73.525, 331.897



35, 73.525, 21.897



35, 73.525, 151.897



35, 73.525, 201.897

Sweetspot

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



35, 73.443, 331.897



65, 36.572, 328.552



17, 90.384, 306.604



32, 25.097, 328.771



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



35, 73.443, 331.897



46, 88.742, 331.976



32, 57.384, 9.193



30, 5.602, 327.328



32, 69.364, 331.870



1, 5.982, 327.118

Inverse Universe

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



35, 73.443, 331.897



46, 88.742, 331.976



55, 54.814, 154.131



30, 5.602, 327.328



32, 69.364, 331.870



1, 5.982, 327.118

Previews

White Background



This preview shows how the CIELCh color 35, 73.525, 331.897 looks on a white background.

Color Contrast Check

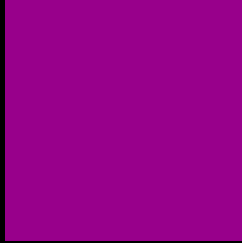
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.525, 331.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

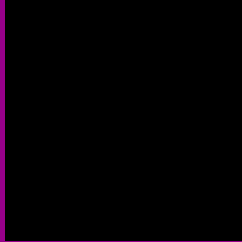
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 73.525, 331.897

Background



This preview shows how black text looks on a background with the CIELCh color 35, 73.525, 331.897.



This preview shows how white text looks on a background with the CIELCh color 35, 73.525, 331.897.

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, 73.525, 331.897

Protanopia

36, 57.144, 286.558

Deuteranopia

36, 28.366, 280.552



Tritanopia
36, 41.904, 25.176

Trichromacy



Original Color
35, 73.525, 331.897



Protanomaly
29, 68.675, 301.491



Deuteranomaly
31, 50.943, 312.529



Tritanomaly
34, 50.090, 356.352

Monochromacy



Original Color
35, 73.525, 331.897



Achromatopsia
26, 0.004, 296.813



Achromatomaly
25, 37.480, 330.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 73.525, 331.897 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(152, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 139)  
}
```

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(152, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 73.525, 331.897 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(152, 0, 139) }
```

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

```
.border{ border-color:rgb(152, 0, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 73.525, 331.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 139) }
```

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

```
.background{ background-color: rgb(152, 0,  
139) }
```

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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