

Converting Colors

CIELCh(53, 36.919, 326.736)

Have a look what the booklet for
CIELCh(53, 36.919, 326.736)
contains.

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Color

CIELCh(53, 36.925, 326.734)

Conversions

Conversions Part 1

Format	Color
Hex	A36CA2
RGB	163, 108, 162
RGB Percent	64%, 42%, 64%
CMY	0.3616, 0.5773, 0.3656
CMYK	0.00, 0.34, 0.01, 0.36
HSL	301°, 23%, 53%
HSV	301°, 34%, 64%
XYZ	26.9025, 21.0462, 36.7260
YIQ	130.6010, 15.4460, 28.4540

Conversions

Conversions Part 2

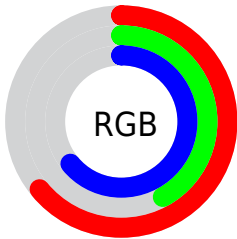
Format	Color
R_{YB}	163, 108, 162
Decimal	10710178
CIE _{Lab}	53.00, 30.87, -20.25
CIE _{LCh}	53, 36.925, 326.734
Yxy	21.0462, 0.3177, 0.2486
Android (android.graphics.Color)	4288900258 (0xFFA36CA2)
YUV	130.6010, 15.4797, 28.4139
Hunter-Lab	45.8761, 24.3923, -15.3512

Details

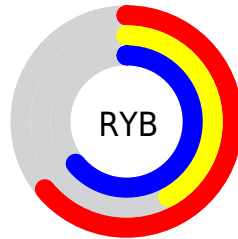
The CIELCh color $53, 36.925, 326.734$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 36.945, 142.535$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 37.205, 326.850$, and $33, 36.757, 326.758$ is the 20% darker color. If you saturate the color by 10%, you get $49, 47.337, 327.236$, and if you desaturate by 10%, it is $57, 26.081, 326.204$.

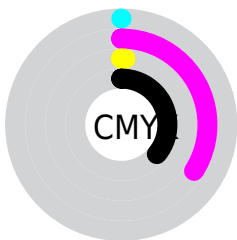
Distribution



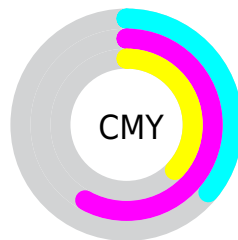
- Red (64%)
- Green (42%)
- Blue (64%)



- Red (64%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (58%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 36.925, 326.734 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 53, 36.925, 326.734 by changing the saturation by 10% instead.


 53, 36.925,
326.734


 53, 36.925,
326.734


 100, 36.925,
326.734


 43, 36.925,
326.734


 73, 36.925,
326.734

 33, 36.925,
326.734

 83, 36.925,
326.734

 23, 36.925,
326.734

 93, 36.925,
326.734

 13, 36.925,
326.734

 3, 36.925, 326.734

 0, 36.925, 326.734

53, 36.925,
326.734

53, 36.925,
326.734

49, 47.337,
327.236

57, 26.081,
326.204

46, 56.978,
327.695

61, 15.080,
325.658

43, 65.443,
328.098

65, 4.113, 325.076

41, 72.322,
328.432

70, 6.692, 144.630

40, 77.294,
328.688

74, 17.253,
144.090


39, 80.232,
328.868

79, 27.524,
143.586

38, 81.451,
328.958

83, 37.484,
143.108

88, 47.127,
142.656

 92, 56.459,
142.232

Harmonies

Complementary

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



53, 36.925, 326.734



62, 36.945, 142.535

Rectangle

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



53, 36.925, 326.734



53, 36.925, 16.734



53, 36.925, 146.734



53, 36.925, 196.734

Sweetspot

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



53, 36.923, 326.734



79, 13.531, 325.458



48, 32.501, 294.900



42, 9.312, 325.533



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



53, 36.923, 326.734



64, 55.057, 327.138



52, 26.538, 347.771



32, 6.191, 325.406



34, 74.971, 328.951



2, 9.546, 325.088

Inverse Universe

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



53, 36.923, 326.734



64, 55.057, 327.138



63, 25.393, 161.389



32, 6.191, 325.406



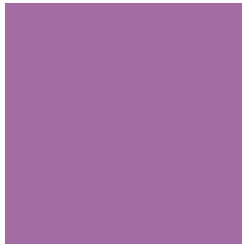
34, 74.971, 328.951



2, 9.546, 325.088

Previews

White Background



This preview shows how the CIELCh color 53, 36.925, 326.734 looks on a white background.

Color Contrast Check

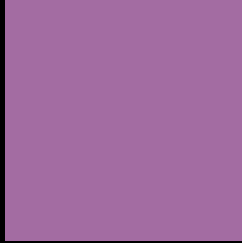
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 53, 36.925, 326.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

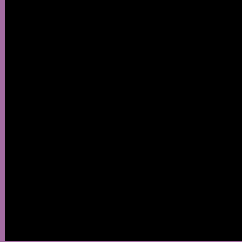
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 36.925, 326.734

Background



This preview shows how black text looks on a background with the CIELCh color 53, 36.925, 326.734.



This preview shows how white text looks on a background with the CIELCh color 53, 36.925, 326.734.

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

53, 36.925, 326.734

Protanopia

53, 29.069, 285.308

Deuteranopia

53, 20.269, 291.649



Tritanopia
53, 18.408, 5.422

Trichromacy



Original Color
53, 36.925, 326.734

Protanomaly
53, 29.918, 300.966

Deuteranomaly
53, 25.425, 308.700

Tritanomaly
53, 24.056, 344.065

Monochromacy



Original Color
53, 36.925, 326.734

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 13.960, 325.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 36.925, 326.734 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(163, 108, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 108, 162)  
}
```

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(163, 108, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 108, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 36.925, 326.734 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(163, 108, 162) }
```

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

```
.border{ border-color:rgb(163, 108, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 108, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 108, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 108, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 108,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 36.925, 326.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 108, 162) }
```

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

```
.background{ background-color: rgb(163,  
108, 162) }
```

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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