

Converting Colors

CIELCh(62, 50.967, 336.068)

Have a look what the booklet for
CIELCh(62, 50.967, 336.068)
contains.

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Color

CIELCh(62, 50.798, 336.078)

Conversions

Conversions Part 1

Format	Color
Hex	D475BB
RGB	212, 117, 187
RGB Percent	83%, 46%, 73%
CMY	0.1677, 0.5403, 0.2658
CMYK	0.00, 0.45, 0.12, 0.17
HSL	316°, 53%, 65%
HSV	316°, 45%, 83%
XYZ	42.5994, 30.4025, 50.7628
YIQ	153.3850, 34.1500, 41.9100

Conversions

Conversions Part 2

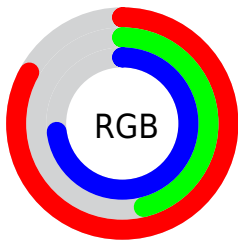
Format	Color
R_{YB}	212, 117, 187
Decimal	13923771
CIE _{Lab}	62.00, 46.43, -20.60
CIE _{LCh}	62, 50.798, 336.078
Yxy	30.4025, 0.3442, 0.2456
Android (android.graphics.Color)	4292113851 (0xFFD475BB)
YUV	153.3850, 16.5722, 51.4054
Hunter-Lab	55.1385, 41.4149, -15.9879

Details

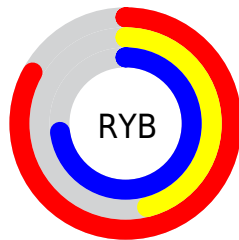
The CIELCh color $62, 50.798, 336.078$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 50.490, 148.862$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 47.657, 330.632$, and $42, 50.608, 335.780$ is the 20% darker color. If you saturate the color by 10%, you get $58, 60.815, 336.937$, and if you desaturate by 10%, it is $67, 39.873, 335.278$.

Distribution



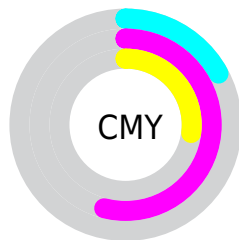
- Red (83%)
- Green (46%)
- Blue (73%)



- Red (83%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (17%)





- Cyan (17%)
- Magenta (54%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 50.798, 336.078 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 62, 50.798, 336.078 by changing the saturation by 10% instead.


 62, 50.798,
336.078


 62, 50.798,
336.078


 100, 50.798,
336.078


 52, 50.798,
336.078


 82, 50.798,
336.078

 42, 50.798,
336.078

 92, 50.798,
336.078

 32, 50.798,
336.078

 22, 50.798,
336.078

 12, 50.798,
336.078

 2, 50.798, 336.078

 0, 50.798, 336.078

62, 50.798,
336.078

62, 50.798,
336.078

58, 60.815,
336.937

67, 39.873,
335.278

54, 69.414,
337.876

72, 28.477,
334.524

51, 76.050,
338.930

77, 16.922,
333.805

49, 80.290,
340.149

82, 5.426, 333.089

48, 81.994,
341.594


88, 5.873, 152.572

48, 82.213,
342.428

94, 16.895,
151.929

96, 21.124,
154.245

97, 19.141,
160.168

 97, 17.385,
167.332

Harmonies

Complementary

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



62, 50.798, 336.078



78, 50.490, 148.862

Rectangle

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



62, 50.798, 336.078



62, 50.798, 26.078



62, 50.798, 156.078



62, 50.798, 206.078

Sweetspot

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



62, 50.795, 336.078



92, 17.272, 333.690



55, 55.032, 303.604



48, 12.101, 333.847



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 50.795, 336.078



69, 69.631, 336.919



61, 39.924, 5.344



42, 6.529, 333.429



38, 70.133, 342.157



6, 27.164, 339.059

Inverse Universe

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



62, 50.795, 336.078



69, 69.631, 336.919



79, 33.934, 174.916



42, 6.529, 333.429



38, 70.133, 342.157



6, 27.164, 339.059

Previews

White Background



This preview shows how the CIELCh color 62, 50.798, 336.078 looks on a white background.

Color Contrast Check

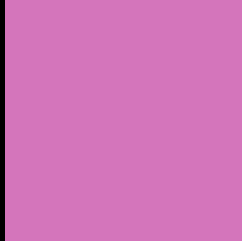
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 50.798, 336.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

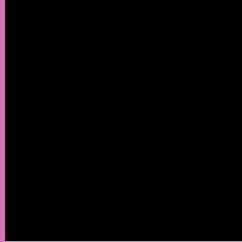
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 50.798, 336.078

Background



This preview shows how black text looks on a background with the CIELCh color 62, 50.798, 336.078.



This preview shows how white text looks on a background with the CIELCh color 62, 50.798, 336.078.

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
62, 50.798, 336.078

Protanopia
62, 34.962, 285.206

Deuteranopia
62, 19.690, 294.344



Tritanopia
62, 32.662, 14.423

Trichromacy



Original Color
62, 50.798, 336.078



Protanomaly
61, 37.610, 306.313



Deuteranomaly
62, 30.007, 318.408



Tritanomaly
62, 36.978, 356.371

Monochromacy



Original Color
62, 50.798, 336.078



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 19.048, 334.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 50.798, 336.078 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(212, 117, 187)` looks like.

```
.text, #text, p{  
    color:rgb(212, 117, 187)  
}
```

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(212, 117, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 117, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 50.798, 336.078 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(212, 117, 187) }
```

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

```
.border{ border-color:rgb(212, 117, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 117, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 117, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 117, 187);  
box-shadow:4px 4px 4px 4px rgb(212, 117,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 50.798, 336.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 117, 187) }
```

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

```
.background{ background-color: rgb(212,  
117, 187) }
```

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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