

Converting Colors

CIELCh(52, 23.878, 333.563)

Have a look what the booklet for
CIELCh(52, 23.878, 333.563)
contains.

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Color

CIELCh(52, 23.674, 333.095)

Conversions

Conversions Part 1

Format	Color
Hex	98708F
RGB	152, 112, 143
RGB Percent	60%, 44%, 56%
CMY	0.4051, 0.5619, 0.4404
CMYK	0.00, 0.26, 0.06, 0.41
HSL	313°, 16%, 52%
HSV	313°, 26%, 59%
XYZ	23.5890, 20.1443, 28.5124
YIQ	127.4940, 13.8890, 18.1210

Conversions

Conversions Part 2

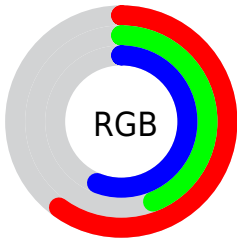
Format	Color
R_{YB}	152, 112, 143
Decimal	9990287
CIE _{Lab}	52.00, 21.11, -10.71
CIE _{LCh}	52, 23.674, 333.095
Yxy	20.1443, 0.3265, 0.2788
Android (android.graphics.Color)	4288180367 (0xFF98708F)
YUV	127.4940, 7.6445, 21.4918
Hunter-Lab	44.8824, 15.2704, -6.2473

Details

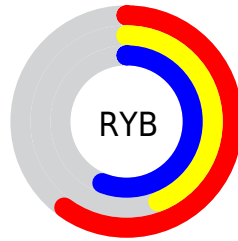
The CIELCh color $52, 23.674, 333.095$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 23.544, 149.501$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 23.893, 333.038$, and $32, 23.402, 332.498$ is the 20% darker color. If you saturate the color by 10%, you get $48, 32.539, 333.790$, and if you desaturate by 10%, it is $56, 14.656, 332.426$.

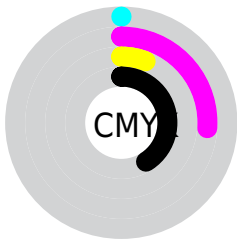
Distribution



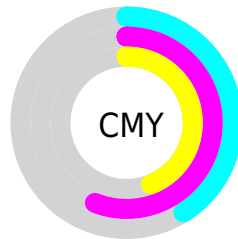
- Red (60%)
- Green (44%)
- Blue (56%)



- Red (60%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (41%)





- Cyan (41%)
- Magenta (56%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 23.674, 333.095 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 52, 23.674, 333.095 by changing the saturation by 10% instead.


 52, 23.674,
333.095


 52, 23.674,
333.095


 100, 23.674,
333.095


 42, 23.674,
333.095


 72, 23.674,
333.095

 32, 23.674,
333.095

 82, 23.674,
333.095

 22, 23.674,
333.095

 92, 23.674,
333.095

 12, 23.674,
333.095

 2, 23.674, 333.095

 0, 23.674, 333.095

52, 23.674,
333.095

52, 23.674,
333.095

48, 32.539,
333.790

56, 14.656,
332.426

45, 41.017,
334.514

60, 5.661, 331.762

64, 3.203, 151.280

42, 48.787,
335.274

69, 11.869,
150.642

39, 55.469,
336.083

73, 20.302,
150.082

37, 60.671,
336.964

77, 28.485,
149.556

35, 64.082,
337.950


82, 36.416,
149.060

34, 65.676,
339.076

86, 44.103,
148.593

34, 66.109,

339.498

 90, 51.556,
148.152

Harmonies

Complementary

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



52, 23.674, 333.095



59, 23.544, 149.501

Rectangle

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



52, 23.674, 333.095



52, 23.674, 23.095



52, 23.674, 153.095



52, 23.674, 203.095

Sweetspot

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



52, 23.672, 333.096



75, 8.803, 331.885



49, 23.780, 300.637



39, 6.312, 331.979



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 23.672, 333.096



63, 35.419, 333.528



51, 17.621, 359.877



30, 5.079, 331.956



31, 62.499, 339.401



1, 5.403, 331.888

Inverse Universe

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



52, 23.672, 333.096



63, 35.419, 333.528



60, 16.264, 174.648



30, 5.079, 331.956



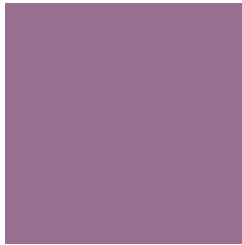
31, 62.499, 339.401



1, 5.403, 331.888

Previews

White Background



This preview shows how the CIELCh color 52, 23.674, 333.095 looks on a white background.

Color Contrast Check

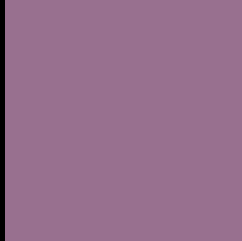
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 23.674, 333.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

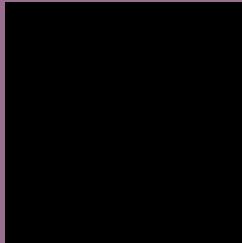
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 23.674, 333.095

Background



This preview shows how black text looks on a background with the CIELCh color 52, 23.674, 333.095.



This preview shows how white text looks on a background with the CIELCh color 52, 23.674, 333.095.

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

52, 23.674, 333.095

Protanopia

52, 15.744, 285.551

Deuteranopia

52, 11.977, 304.434



Tritanopia
52, 14.835, 0.764

Trichromacy



Original Color
52, 23.674, 333.095

Protanomaly
52, 16.878, 306.236

Deuteranomaly
52, 15.805, 319.275

Tritanomaly
52, 17.438, 347.323

Monochromacy



Original Color
52, 23.674, 333.095

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.172, 331.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 23.674, 333.095 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, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 112, 143)  
}
```

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, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 112, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 23.674, 333.095 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, 112, 143) }
```

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

```
.border{ border-color:rgb(152, 112, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 112, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 112,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 23.674, 333.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 112, 143) }
```

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

```
.background{ background-color: rgb(152,  
112, 143) }
```

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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