

Converting Colors

CIELCh(78, 10.422, 19.793)

Have a look what the booklet for
CIELCh(78, 10.422, 19.793) contains.

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Color

CIELCh(78, 10.235, 20.185)

Conversions

Conversions Part 1

Format	Color
Hex	D6BBBB
RGB	214, 187, 187
RGB Percent	84%, 73%, 73%
CMY	0.1622, 0.2680, 0.2680
CMYK	0.00, 0.13, 0.13, 0.16
HSL	0°, 25%, 78%
HSV	0°, 13%, 84%
XYZ	54.2598, 53.2120, 54.2332
YIQ	195.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

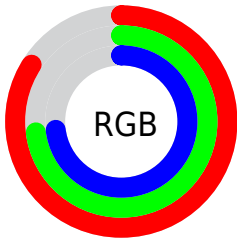
Format	Color
R _Y B	214, 187, 187
Decimal	14072763
CIE Lab	78.00, 9.61, 3.53
CIE LCh	78, 10.235, 20.185
Yxy	53.2120, 0.3355, 0.3291
Android (android.graphics.Color)	4292262843 (0xFFD6BBBB)
YUV	195.0730, -3.9800, 16.5990
Hunter-Lab	72.9466, 5.1171, 6.9826

Details

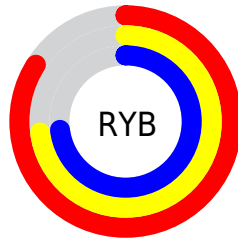
The CIELCh color $78, 10.235, 20.185$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 9.441, 198.797$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 4.267, 19.539$, and $58, 10.125, 20.417$ is the 20% darker color. If you saturate the color by 10%, you get $72, 19.066, 21.100$, and if you desaturate by 10%, it is $84, 2.051, 19.291$.

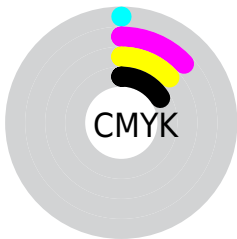
Distribution



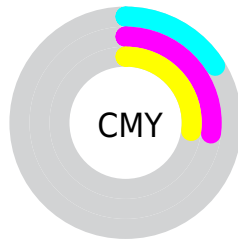
- Red (84%)
- Green (73%)
- Blue (73%)



- Red (84%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 10.235, 20.185 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 78, 10.235, 20.185 by changing the saturation by 10% instead.

 78, 10.235, 20.185

 78, 10.235, 20.185

 100, 10.235,
20.185

 68, 10.235, 20.185

 98, 10.235, 20.185

 58, 10.235, 20.185

 48, 10.235, 20.185

 38, 10.235, 20.185

 28, 10.235, 20.185

 18, 10.235, 20.185

 8, 10.235, 20.185

 0, 10.235, 20.185

 78, 10.235, 20.185

 78, 10.235, 20.185

72, 19.066, 21.100

84, 2.051, 19.291

67, 28.544, 22.253

90, 5.514, 199.148

61, 38.598, 23.756

96, 12.513,
198.670

57, 49.068, 25.718

97, 13.843,
198.582

52, 59.695, 28.244

49, 70.108, 31.376

47, 79.757, 34.933

45, 87.513, 38.211

45, 91.504, 40.001

Harmonies

Complementary

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



78, 10.235, 20.185



84, 9.441, 198.797

Rectangle

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



78, 10.235, 20.185



78, 10.235, 70.185



78, 10.235, 200.185



78, 10.235, 250.185

Sweetspot

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



78, 10.233, 20.196



97, 3.616, 19.476



79, 17.460, 325.118



51, 2.578, 19.553



0, 0.000, 0.000



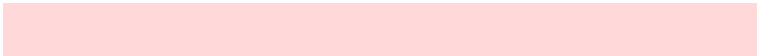
53, 0.007, 296.813

Same Dimension

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



78, 10.233, 20.196



90, 14.167, 20.406



81, 8.773, 73.835



42, 4.549, 19.939



35, 77.347, 39.900



5, 21.998, 19.773

Inverse Universe

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



84, 9.441, 198.797



97, 12.850, 198.658



80, 8.503, 257.152



44, 4.287, 198.984



63, 37.116, 196.405



15, 14.556, 196.402

Previews

White Background



This preview shows how the CIELCh color 78, 10.235, 20.185 looks on a white background.

Color Contrast Check

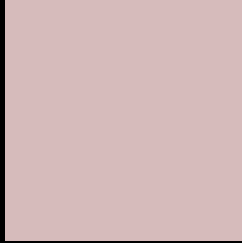
Large Text (above 18pt) WCAG AA × Fail

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 78, 10.235, 20.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

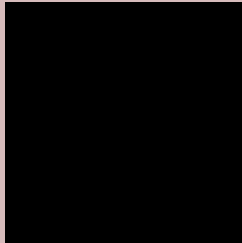
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 10.235, 20.185

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.235, 20.185.



This preview shows how white text looks on a background with the CIELCh color 78, 10.235, 20.185.

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

78, 10.235, 20.185

Protanopia

78, 2.130, 49.342

Deuteranopia

78, 10.235, 20.185



Tritanopia
78, 13.417, 346.686

Trichromacy



Original Color
78, 10.235, 20.185

Protanomaly
78, 4.891, 25.935

Deuteranomaly
78, 10.235, 20.185

Tritanomaly
78, 11.855, 356.521

Monochromacy



Original Color
78, 10.235, 20.185

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 3.718, 19.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.235, 20.185 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(214, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 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(214, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.235, 20.185 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(214, 187, 187) }
```

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

```
.border{ border-color:rgb(214, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.235, 20.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 187) }
```

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

```
.background{ background-color: rgb(214,  
187, 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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