Pdflatex not working with flextable

```
library(flextable)


# different ways to access quarto metadata ----
## Many things listed in quarto_metadata, like default options, but not the current options
quarto_metadata <- knitr::opts_current$get()
saveRDS(quarto_metadata, "./quarto_metadata.rds")

## Only works for quarto version beyond 1.8, but lots of nice execution operations
quarto_metadata_second_way <- jsonlite::read_json(
  Sys.getenv("QUARTO_EXECUTE_INFO"))
# two ways to reach the pdf-engine
all.equal(quarto_metadata_second_way$format$pandoc$`pdf-engine`,
          quarto_metadata_second_way$format$metadata$format$pdf$`pdf-engine`)
```

```
[1] TRUE
```

```
saveRDS(quarto_metadata_second_way, "./quarto_metadata_second_way.rds")

## This command returns exactly the yaml of the header, great!! :-)
rmarkdown_metadata <- rmarkdown::metadata
saveRDS(rmarkdown_metadata, "./rmarkdown_metadata.rds")

## Returns only the output file
rmarkdown_pandoc_args <- knitr::opts_knit$get("rmarkdown.pandoc.args")
saveRDS(rmarkdown_pandoc_args, "./rmarkdown_pandoc_args.rds")

## programamtic ways to run qmd, or Rmd scripts ----
# rmarkdown::render("./tests/testthat/qmd/use-printer-with-pdflatex.qmd",
#                   output_format = c("pdf_document"),
#                   output_file = "C:/Users/basti/OneDrive/04. BNCL (Post Doc)/Open-Source De
# quarto::quarto_render("./tests/testthat/qmd/use-printer-with-pdflatex.qmd")
```

- `flextable` with Equations, see Table 1:

```
eqs_flextable <- c(
    "(ax^2 + bx + c = 0)",
    "a \\ne 0",
    "x = {-b \\pm \\sqrt{b^2-4ac} \\over 2a}")
df <- tibble::tibble(`Y \\sim W` = eqs_flextable)


ft <- flextable(df) |>
  compose(j = 1, part = "header",
          value = as_paragraph(as_equation(`Y \\sim W`, width = 2, height = .5)),
          use_dot = TRUE) |>
  compose(j = 1, part = "body",
          value = as_paragraph(as_equation(`Y \\sim W`, width = 2, height = .5))) |>
  align(align = "center", part = "all")

ft
```

```
Warning: fonts used in `flextable` are ignored because the `pdflatex` engine is
used and not `xelatex` or `lualatex`. You can avoid this warning by using the
`set_flextable_defaults(fonts_ignore=TRUE)` command or use a compatible engine
by defining `latex_engine: xelatex` in the YAML header of the R Markdown
document.
```

Table 1

$Y \sim W$
$(ax^2 + bx + c = 0)$
$a \neq 0$
$x = \frac{-b \pm \sqrt{b^2-4ac}}{2a}$